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APRIL 1976 SUMMARY



# FEDERAL MILK ORDER MARKET STATISTICS

## APRIL HIGHLIGHTS

MINIMUM CLASS I PRICE, \$10.27; BLEND, \$9.34

PRODUCER DELIVERIES UP 4.3 PERCENT

PRODUCER MILK USED IN CLASS I UP 0.3 PERCENT

53 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 0.1 PERCENT

\* \* \* \* \*  
\* \*  
\* SPECIAL THIS ISSUE - Page 34 \*  
\* \*  
\* Adjusting in-area sales data \*  
\* for calendar composition \*  
\* \*  
\* \* \* \* \*

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
DAIRY DIVISION  
WASHINGTON, D.C.

ISSUED - June 1976

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### Summary of prices, deliveries, and deliveries used in Class I

1/ Percentages computed from unrounded pounds.

1 / Percentages computed from unrounded pounds. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

2/ Excludes Middle Atlantic, January to present. Excludes Greater Louisiana and New Orleans-Mississippi in April. Also, effective

<sup>2</sup>April 1, Boston Regional and Connecticut were merged to form New England; the data for the merged market remain comparable. See Majumder and Order Actions, April 1976, on page 39.

3/ Average or total.

[illegible]

8/ Excludes New York-New Jersey.



Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year	No. of mks:	BUTTER			CHEESE			FROZEN DESSERTS			COTTAGE CHEESE			SKIM MILK POWDER			TOTAL <u>2/</u>		
		Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.	Percent	Change:	Mil. lb.
		over	prev.	year3/	over	prev.	year3/	over	prev.	year3/	over	prev.	year3/	over	prev.	year3/	over	prev.	year3/
1972 <u>4/</u>	62	1,037	- 2.5	41.9	7,162	13.1	3.70	2,626	0.9	11.0	4,864	14.3	1.24	6,672	- 9.8	.06	29,950	4.4	4.28
1973	61	952	-13.6	39.2	7,631	8.5	3.83	2,540	-	3.2	4,535	- 6.4	1.11	5,151	-22.5	.05	27,914	- 4.0	4.29
1974	61	1,026	2.4	37.2	10,878	41.3	3.78	2,534	3.8	11.3	4,046	- 7.8	1.15	5,932	15.3	.07	30,844	10.6	4.28
1975 <u>5/</u>	55	907	- .8	38.9	10,322	9.1	3.82	2,657	16.7	11.5	3,233	- 8.5	1.03	5,147	- 1.2	.06	27,053	4.6	4.50
1976 <u>5/</u>	55	91	- 2.0	39.5	903	16.8	4.03	164	5.3	13.0	254	- 5.4	1.05	350	-14.3	.06	2,128	4.4	5.07
Jan.	55	82	- 4.9	41.4	935	18.7	3.86	176	8.6	12.5	251	- 5.5	1.08	399	-10.7	.09	2,204	5.2	4.79
Feb. <u>4/</u>	55	83	- 4.2	41.8	1,082	11.0	3.77	236	22.8	11.9	306	12.3	1.11	453	-12.6	.11	2,564	7.6	4.62
Mar.																			
Apr.																			
May																			
June																			
July																			
Aug.																			
Sept.																			
Oct.																			
Nov.																			
Dec.																			
Year to date <u>4/</u>	55	256	- 3.7	40.8	2,921	15.2	3.88	577	12.7	12.4	810	.8	1.08	1,202	-12.5	.09	6,897	5.8	4.81

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured dairy products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; and, milk, skim milk, and cream used in other food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product. Percentage changes are based on the same number of comparable markets.

4/ Data for February adjusted to a 28-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

Year	No. of comp. mks.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		Percent		Percent		Percent		Percent		Percent		Percent	
		Change over		Change over		Change over		Change over		Change over		Change over	
		Mil. lb.	Bf. test	Mil. lb.	Bf. test	Mil. lb.	Bf. test	Mil. lb.	Bf. test	Mil. lb.	Bf. test	Mil. lb.	Bf. test
		Unadj. Adj. 5/		Unadj. Adj. 5/		Unadj. Adj. 5/		Unadj. Adj. 5/		Unadj. Adj. 5/		Unadj. Adj. 5/	
1972 6/	58	24,846	- 0.5	NA	3.44	8,485	9.9	NA	1.52	33,331	33,298	2.1	2.3
1973 7/	57	23,727	- 3.1	- 3.2	3.42	9,129	8.5	8.5	1.49	32,856	32,850	- .2	- .2
1974 7/	57	22,243	- 6.2	- 6.2	3.41	9,724	6.5	6.6	1.49	31,967	31,957	- 2.7	- 2.7
1975 8/	55	22,180	- .9	- .9	3.36	10,757	9.8	9.9	1.49	32,937	32,937	2.3	2.4
1976 8/													
January	55	1,986	- 1.4	- 2.1	3.35	1,018	8.3	6.8	1.50	3,004	2,784	1.7	.8
February	55	1,744	- 6.2	- 3.2	3.34	911	3.9	7.5	1.49	2,655	2,762	- 3.0	.2
March	55	1,952	1.6	- .8	3.34	1,017	11.9	9.5	1.48	2,969	2,809	4.9	2.5
April 9/10/	54	1,853	- 2.1	- 3.0	3.34	981	7.9	6.2	1.48	2,833	2,789	1.2	.1
May													
June													
July													
August													
September													
October													
November													
December													
Year to date	54	7,535	- 1.9	- 2.3	3.34	3,926	8.1	7.5	1.49	11,461	11,144	1.3	.9

NA-not available.

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for February 1972 and 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article on page 34 of this issue.

6/ Excludes the New York-New Jersey, Upstate Michigan, Fort Smith, and Western Colorado markets.

7/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

8/ Excludes New York-New Jersey.

9/ The decreased number of comparable markets reflects the merger of Boston Regional and Connecticut. See Major Order Actions, April 1976 on page 39. The data for the merged market remain comparable.

10/ Estimated.



Table 1.—Federal order fluid differentials, May and June 1976; minimum Class I prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point\* and butterfat differentials, May 1975 and 1976; and Class I price, June 1975 and 1976

Marketing area	Fluid					Class I price					Marketing area	Fluid					Class I price						
	diff.	per	100 lb.	per 100 lb.	0.1%	diff.	per	100 lb.	per 100 lb.	0.1%		diff.	per	100 lb.	per 100 lb.	0.1%	diff.	per	100 lb.	per 100 lb.	0.1%		
	1/					1/						1/					1/						
	1976	1976	1975	1976	1975	1976	1976	1975	1976	1975		1976	1976	1975	1976	1975	1976	1976	1975	1976	1975		
	Dollars						Cents						Dollars						Cents				
NEW ENGLAND											WEST NORTH CENTRAL												
New England 2/	2.78	11.58	9.84	10.3	8.0		11.42	9.92			Southern Group												
											St. Louis-Ozark	1.60	10.20	8.46	10.3	8.0		10.04	8.54				
MIDDLE ATLANTIC											Kansas City	1.74	10.34	8.60	10.3	8.0		10.18	8.68				
New York-New Jersey	2.64	11.24	9.50	10.3	8.0		11.08	9.58			Neosho Valley	5/1.65	10.25	8.51	10.3	8.0		10.09	8.59				
Middle Atlantic	2.78	11.38	9.64	10.3	8.0		11.22	9.72			Wichita	1.80	10.40	8.66	10.3	8.0		10.24	8.74				
SOUTH ATLANTIC											EAST SOUTH CENTRAL												
Appalachian	2.13	10.73	8.99	10.7	8.2		10.57	9.07			Paducah	1.70	10.30	8.56	10.3	8.0		10.14	8.64				
Tampa Bay	2.95	11.55	9.81	7.5	7.5		11.39	9.89			Nashville	1.58	10.18	8.44	10.3	8.0		10.02	8.52				
Southeastern Florida	3.15	11.75	10.01	7.5	7.5		11.59	10.09			Memphis	1.94	10.54	8.80	10.3	8.0		10.38	8.88				
Upper Florida	2.85	11.45	9.71	7.5	7.5		11.29	9.79			Knoxville	1.70	10.30	8.56	10.7	8.2		10.14	8.64				
Georgia	2.30	10.90	9.16	10.3	8.0		10.74	9.24			Chattanooga	2.15	10.75	9.01	10.3	8.0		10.59	9.09				
EAST NORTH CENTRAL											WEST SOUTH CENTRAL												
Eastern Group											Northern Group												
Southern Michigan	1.60	10.20	8.46	10.2	7.8		10.04	8.54			Central Arkansas	1.94	10.54	8.80	10.3	8.0		10.38	8.88				
Eastern Ohio—W. Pa.	1.85	10.45	8.71	10.3	8.0		10.29	8.79			Fort Smith	1.95	10.55	8.81	10.3	8.0		10.39	8.89				
Ohio Valley	1.70	10.30	8.56	10.3	8.2		10.14	8.64			Oklahoma Metropolitan	1.98	10.58	8.84	10.3	8.0		10.42	8.92				
											Red River Valley	5/2.20	10.80	9.06	10.3	8.0		10.64	9.14				
Western Group											Texas Panhandle	2.25	10.85	9.11	10.3	8.0		10.69	9.19				
Michigan Upper Penin.	1.35	9.95	8.21	11.2	8.5		9.79	8.29			Lubbock-Plainview	2.42	11.02	9.28	10.3	8.0		10.86	9.36				
Chicago Regional	1.26	9.86	8.12	10.3	8.0		9.70	8.20															
Louisville—Lex.—Evans.	1.49	10.09	8.35	10.3	8.0		9.93	8.43			Southern Group												
Indiana	1.47	10.07	8.33	10.3	8.0		9.91	8.41			Greater Louisiana 2/	2.47	11.07	9.33	10.3	8.0		10.91	9.41				
Southern Illinois	2/1.53	10.13	8.39	10.3	8.0		9.97	8.47			New Orleans—Mississippi 2/	2.85	11.45	9.71	10.3	8.0		11.29	9.79				
Central Illinois	1.39	9.99	8.25	10.3	8.0		9.83	8.33			Texas	2.32	10.92	9.18	10.3	8.0		10.76	9.26				
WEST NORTH CENTRAL											MOUNTAIN												
Northern Group											Eastern Colorado	2.30	10.90	9.16	11.6	8.8		10.74	9.24				
Duluth-Superior	1.10	9.70	7.96	10.3	8.0		—	8.04			Great Basin	1.90	10.50	8.76	10.7	8.2		10.34	8.84				
Minneapolis-St. Paul 4/	1.06	9.66	7.92	10.3	8.0		9.56	8.00			Western Colorado	2.00	10.60	8.86	10.7	8.2		10.44	8.94				
Eastern South Dakota	1.50	10.10	8.36	10.3	8.0		9.94	8.44			Central Arizona	2.52	11.12	9.38	10.3	8.0		10.96	9.46				
Black Hills	1.95	10.55	8.81	10.7	8.2		10.39	8.89			Rio Grande Valley	2.35	10.95	9.21	10.3	8.0		10.79	9.29				
North Central Iowa	1.25	9.85	8.11	10.3	8.0		9.69	8.19			Lake Mead	1.60	10.20	8.46	10.7	8.2		10.04	8.54				
Cedar Rapids—Iowa City	1.33	9.93	8.19	10.3	8.0		9.77	8.27															
Quad Cities-Dubuque	1.33	9.93	8.19	10.3	8.0		9.77	8.27			PACIFIC												
Des Moines	1.40	10.00	8.26	10.3	8.0		9.84	8.34			Puget Sound	1.85	10.45	8.71	10.3	8.0		10.29	8.79				
Nebraska—Western Iowa	1.60	10.20	8.46	10.3	8.0		10.04	8.54			Inland Empire	1.95	10.55	8.81	11.0	8.4		10.39	8.89				
Minnesota—North Dakota	1.30	9.90	8.16	10.3	8.0		—	8.24			Oregon—Washington	1.95	10.55	8.81	10.7	8.2		10.39	8.89				
Southeastern Minn.—																							
Northern Iowa	1.06	9.66	7.92	10.3	8.0		—	8.00															

\* Generally the major city in the marketing area. See footnotes on table 2 for location.

1/ The basic formula price is the Minnesota-Miscorin price for the second preceding month adjusted to a 3.5 percent butterfat content.

2/ See Major Order Actions, April 1976, on page 39.

3/ Tied to the St. Louis-Ozarks order.

4/ Effective June 1, 1976, the Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa markets were merged to form Upper Midwest. The fluid differential for this market is 91.12.

5/ Tied to the Oklahoma order.

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, APRIL\*\*

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	APRIL 1976	APRIL 1975	APRIL 1976	APRIL 1975	APRIL 1976		APRIL 1976			
	DOLLARS						CENTS			
NEW ENGLAND										
NEW ENGLAND <u>1/</u>	11.23	9.83	9.79	<u>2/</u> 8.41	8.41	---	10.3	10.3	---	10.3
AVERAGE <u>3/</u>	11.23	9.83	9.79	8.41	---	---	10.3	---	---	10.3
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY <u>4/</u>	10.89	9.49	<u>6/</u> 9.25	<u>6/</u> 7.87	8.43	---	10.3	10.3	---	10.3
MIDDLE ATLANTIC <u>5/</u>	11.03	9.63	<u>6/</u> 9.94	<u>6/</u> 8.57	8.37	---	10.3	10.3	---	10.3
AVERAGE <u>3/</u>	10.89	9.49	9.25	7.87	---	---	10.3	---	---	10.3
SOUTH ATLANTIC										
APPALACHIAN <u>7/</u>	10.28	8.98	9.65	8.42	8.44	---	10.3	9.5	---	9.5
TAMPA BAY	11.20	9.80	10.99	9.48	8.59	---	7.5	10.3	---	8.2
SOUTHEASTERN FLORIDA <u>8/</u>	11.40	10.00	11.15	9.70	8.59	<u>9/</u> 4.06	7.5	10.3	10.3	8.1
UPPER FLORIDA <u>10/</u>	11.10	9.70	10.90	9.48	8.59	---	7.5	10.3	---	8.1
GEORGIA <u>11/</u>	10.55	9.15	10.05	8.68	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE <u>3/</u>	10.50	9.49	10.50	9.07	---	---	8.8	---	---	9.2
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN <u>12/</u>	9.85	8.45	<u>6/</u> 9.25	<u>6/</u> 7.52	8.59	8.44	10.1	10.1	10.1	10.1
EASTERN OHIO-WESTERN PA. <u>13/</u>	10.10	8.70	<u>6/</u> 9.12	<u>6/</u> 7.76	8.54	8.44	10.3	10.3	10.3	10.3
OHIO VALLEY <u>14/</u>	9.55	8.55	9.17	7.75	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE <u>3/</u>	9.56	8.56	9.20	7.82	---	---	10.2	---	---	10.2
WESTERN GROUP										
MICHIGAN UPPER PENINSULA <u>15/16/</u>	9.60	8.20	9.01	7.69	8.44	---	10.8	10.3	---	10.5
CHICAGO REGIONAL <u>17/</u>	9.51	8.11	8.91	7.48	8.54	8.44	10.3	10.3	10.3	10.3
EVANSVILLE-LEXINGTON-SPRINGFIELD	9.74	8.34	8.80	7.46	8.54	8.44	10.3	10.3	10.3	10.3
INDIANAPOLIS <u>18/</u>	9.72	8.32	<u>6/</u> 9.09	<u>6/</u> 7.65	8.54	8.44	10.3	10.3	10.3	10.3
SOUTHERN ILLINOIS <u>19/</u>	9.78	8.38	9.10	7.66	8.54	8.44	10.3	10.3	10.3	10.3
CENTRAL ILLINOIS <u>20/</u>	9.64	8.24	8.52	7.45	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE <u>3/</u>	9.62	8.22	8.94	7.52	---	---	10.3	---	---	10.3
WEST NORTH CENTRAL										
NORTHERN GROUP										
OHIO - SUPERIOR	9.35	7.95	8.75	7.52	8.54	8.44	10.3	10.3	10.3	10.3
MINNEAPOLIS - ST. PAUL	9.31	7.91	8.75	7.31	8.54	8.44	10.3	10.3	10.3	10.3
EASTERN SOUTH DAKOTA <u>21/</u>	9.75	8.35	9.05	7.66	8.54	8.44	10.3	10.3	10.3	10.3
BLACK HILLS <u>22/</u>	10.20	8.80	9.37	7.52	8.44	---	10.3	9.8	---	10.0
NORTH CENTRAL IOWA <u>23/ 24/</u>	9.50	8.10	9.34	7.50	8.54	8.44	10.3	10.3	10.3	10.3
DECATUR PAPERS - IOWA CITY	9.58	8.18	9.28	7.62	8.54	8.44	10.3	10.3	10.3	10.3
QUAD CITIES - CLARK COUNTY <u>25/</u>	9.58	8.18	8.97	7.54	8.54	8.44	10.3	10.3	10.3	10.3
DES MOINES	9.65	8.25	9.12	7.65	8.54	8.44	10.3	10.3	10.3	10.3
NEBRASKA - WESTERN IOWA <u>26/</u>	9.85	8.45	<u>6/</u> 9.14	<u>6/</u> 7.73	8.54	8.44	10.3	10.3	10.3	10.3
MINNESOTA - NORTH DAKOTA <u>27/</u>	9.55	8.15	8.69	7.21	8.54	8.44	10.3	10.3	10.3	10.3
S.E. MINN.-NORTHWEST IOWA	9.31	7.91	8.95	7.53	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE <u>3/</u>	9.54	8.14	8.90	7.46	---	---	10.3	---	---	10.3

\* Major city in the marketing area. \*\* All averages are weighted. 1/ Nearby plant zone price; Boston and Hartford are in this zone. Price at 201-210 mile zone; Class I and blend, 4.0 cents less; Class II, 5.8 cents less. 2/ Represents a weighted average price for the two merged orders. 3/ Markets under regulation on January 1, 1976, and which have had no significant marketing area expansions. Excludes Middle Atlantic, Greater Louisiana, and New Orleans-Mississippi. 4/ New York metropolitan area. Price excludes a 5-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend, 2.4 cents less; Class II, 8 cents less. 5/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia. 6/ Blend price excludes a 5-cent deduction for the advertising and promotion program. 7/ Bristol, Tennessee. 8/ Miami. 9/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 10/ Jacksonville and Tallahassee. 11/ Atlanta. 12/ Detroit. Price excludes an 8-cent direct delivery differential applicable to milk delivered to Detroit. 13/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents for zone 4 (Pittsburgh) plus ten cents. 14/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 15/ Zone II (Marquette). 16/ Weighted average of all handlers' blend prices at all locations, 1976-75. 17/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 6 cents less. 18/ Indianapolis. 19/ Base zone (Alton). Class I and blend price at Carbondale (southern zone) 7 cents more. 20/ Peoria. 21/ Sioux Falls. 22/ Rapid City, South Dakota. 23/ Zone I (Waterloo). 24/ Blend prices are weighted average of all handlers, 1976-75. 25/ Rock Island, Illinois. 26/ Zone I (Omaha). 27/ Base zone (Fargo).

TABLE 2.--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, APRIL\*\* -CON.

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	APRIL 1976	APRIL 1975	APRIL 1976	APRIL 1975	APRIL 1976		APRIL 1976			
	DOLLARS						CENTS			
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - CZARKS 28/	9.85	8.45	6/5.03	6/7.65	8.54	8.44	10.3	10.3	10.3	10.3
KANSAS CITY 29/	9.99	8.59	6/9.32	6/7.85	8.54	8.44	10.3	10.3	10.3	10.3
NEOSHO VALLEY 30/	9.50	8.50	6/9.63	6/8.30	8.54	8.44	10.3	10.3	10.3	10.3
WICHITA	10.05	8.65	6/9.28	6/8.21	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE 3/	9.51	8.51	5.16	7.77	---	---	10.3	---	---	10.3
EAST SOUTH CENTRAL										
SOUTHERN GROUP										
ADALCA	9.55	8.55	9.22	7.73	8.54	8.44	10.3	10.3	10.3	10.3
NASHVILLE	9.83	8.43	9.16	7.87	8.54	8.44	10.3	10.3	10.3	10.3
MEMPHIS 24/	10.19	8.79	6/5.91	6/8.55	8.54	8.44	10.3	10.3	10.3	10.3
WINNOMVILLE	9.55	8.55	9.54	8.16	8.44	---	10.3	10.3	---	10.4
CHATTANOOGA	10.40	9.00	9.93	8.48	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE 3/	10.09	8.69	9.53	8.19	---	---	10.3	---	---	10.3
WEST SOUTH CENTRAL										
SOUTHERN GROUP										
OKLAHOMA METROPOLITAN 34/	10.19	8.79	6/9.95	6/8.39	8.54	8.44	10.3	10.3	10.3	10.3
CENTRAL ARKANSAS 33/	10.23	8.83	6/9.45	6/8.04	8.54	8.44	10.3	10.3	10.3	10.3
RED RIVER VALLEY 35/	10.45	9.05	6/9.82	6/8.32	8.54	8.44	10.3	10.3	10.3	10.3
TEXAS PANHANDLE 36/	10.50	9.10	6/9.95	6/8.65	8.54	8.44	10.3	10.3	10.3	10.3
ELBERTA - FLAINTVIEW	10.67	9.27	6/10.33	6/9.03	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE 3/	10.28	8.89	9.70	8.24	---	---	10.3	---	---	10.3
SOUTHERN GROUP										
GREATER OKLAHOMA 37/	10.72	9.32	10.20	8.54	8.54	8.44	10.3	10.3	10.3	10.3
NEW ORLEANS-MISSISSIPPI 38/	11.10	9.70	10.17	8.43	8.54	9.44	10.3	10.3	10.3	10.3
TEXAS 39/ 6/	10.57	40/ 5.41	9.53	40/ 8.66	8.54	8.44	10.3	10.3	10.3	10.3
AVERAGE 2/	10.57	5.41	9.53	8.66	---	---	10.3	---	---	10.3
MOUNTAIN										
SOUTHERN GROUP										
BASIN COUNTRY 41/	10.55	9.15	10.01	8.55	8.59	8.44	11.2	10.7	10.7	11.0
GREAT BASIN 42/	10.15	8.75	9.43	7.59	8.59	8.44	10.3	10.3	10.3	10.3
WESTERN COUNTRY 43/	10.25	8.85	9.70	8.56	8.49	8.44	10.3	10.7	10.7	10.5
CENTRAL ARIZONA 44/	10.77	9.37	9.85	8.43	8.54	8.44	10.3	10.3	10.3	10.3
RIO GRANDE VALLEY 45/	10.60	9.20	6/10.16	6/8.73	8.54	8.44	10.3	10.3	10.3	10.3
BAKE MEAD 46/	9.85	8.45	5.53	7.52	8.59	8.44	10.3	10.3	10.3	10.3
AVERAGE 2/	10.50	9.10	9.82	8.38	---	---	10.6	---	---	10.5
PACIFIC										
SOUTHERN GROUP										
PIGLET SCENE 47/	10.10	8.70	9.15	7.75	8.69	8.44	10.3	10.3	10.3	10.3
WALLACE EMPIRE 48/	10.20	8.80	9.44	8.01	8.69	8.44	10.6	10.3	10.3	10.4
OREGON - WASHINGTON 49/	10.20	8.80	9.52	8.05	8.69	8.44	10.3	10.3	10.3	10.3
AVERAGE 2/	10.16	8.76	9.35	7.90	---	---	10.3	---	---	10.3
51-MARKET AVERAGE 3/ 32/	10.27	8.88	9.34	7.93	50/ 8.43	---	10.2	---	---	10.2
ALL-MARKET AVERAGE 32/	10.25	8.95	9.40	7.98	50/ 8.43	---	10.2	---	---	10.2

28/ Zone I (St. Louis and Springfield). 29/ Kansas City and Topeka. 30/ Pittsburg, Kansas. 31/ Zone I (Wichita). 32/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1976, \$10.20 and 1975, \$8.80; Blend 5/ 1976, \$10.01 and 1975, \$8.64; Class II 1976, \$8.54 and 1975, \$7.04; Class III 1976, \$8.44 and 1975, \$6.94. Fat differential: Class I 1976, 10.3¢ and 1975, 8.0¢; Class II 1976, 10.3¢ and 1975, 8.0¢; Class III 1976, 10.3¢ and 1975, 8.0¢; Blend 1976, 10.3¢ and 1975, 8.0¢. 33/ Little Rock. 34/ Oklahoma City. 35/ Wichita Falls, Texas. 36/ Amarillo. 37/ Zone I (New Orleans). 38/ Monroe and Shreveport. 39/ Zone I (Dallas). Class I prices at other points in the marketing area are: Abilene, plus 25 cents; Houston, plus 36 cents; San Antonio, plus 42 cents; and Mercedes, plus 75 cents. 40/ Represents a weighted average price for the six merged markets. A comparable Class I price for the Dallas zone would be \$9.17. 41/ Denver. 42/ Salt Lake City, Utah. 43/ Grand Junction. 44/ Phoenix. 45/ Albuquerque, Santa Fe, and El Paso. 46/ Las Vegas, Nevada. 47/ District I (Seattle). 48/ Spokane, Washington. 49/ Portland. 50/ A weighted average price for milk in excess of Class I needs, calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3.-FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY 1976 TO DATE, AVERAGES 1/

MARKETING AREA	CLASS I*			BLEND*		
	1976	1975	CHANGE OVER 1975	1976	1975	CHANGE OVER 1975
DOLLARS PER 100 POUNDS						
NORTH ENGLAND						
NEW ENGLAND 2/ 3/	11.74	9.79	1.95	10.42	8.64	1.78
AVERAGE 4/	11.74	9.79	1.95	10.42	8.64	1.78
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	11.40	9.45	1.95	9.88	8.11	1.77
MIDDLE ATLANTIC	11.54	9.59	1.95	10.45	8.54	1.91
AVERAGE 4/	11.40	9.45	1.95	9.88	8.11	1.77
SOUTH ATLANTIC						
APPALACHIAN	10.90	8.94	1.96	10.20	8.54	1.66
TAMPA BAY	11.72	9.76	1.96	11.55	9.54	2.01
SOUTHEASTERN FLORIDA	11.92	9.96	1.96	11.75	9.77	1.98
UPPER FLORIDA	11.62	9.66	1.96	11.42	9.53	1.89
GEORGIA	11.07	9.11	1.96	10.56	8.69	1.87
AVERAGE 4/	11.42	9.45	1.97	11.02	9.13	1.89
EAST NORTH CENTRAL						
EASTERN GROUP						
SOUTHERN MICHIGAN	10.37	8.41	1.96	9.68	7.89	1.79
EASTERN OHIO-WESTERN PA.	10.62	8.66	1.96	9.74	7.95	1.79
OHIO VALLEY	10.46	8.51	1.95	9.77	7.90	1.87
AVERAGE 4/	10.48	8.52	1.96	9.72	7.91	1.81
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	10.12	8.16	1.96	9.39	7.68	1.71
CHICAGO REGIONAL	10.03	8.07	1.96	9.17	7.44	1.73
EVANSVILLE-LEXINGTON-FRANKFURT	10.26	8.30	1.96	9.59	7.79	1.80
INDIANA	10.23	8.28	1.95	9.62	7.78	1.84
SOUTHERN ILLINOIS	10.30	8.34	1.96	9.61	7.77	1.84
CENTRAL ILLINOIS	10.15	8.20	1.95	9.43	7.55	1.88
AVERAGE 4/	10.14	8.18	1.96	9.31	7.55	1.76
WEST NORTH CENTRAL						
NORTHERN GROUP						
DULUTH - SUPERIOR	9.87	7.91	1.96	9.15	7.51	1.64
MINNEAPOLIS - ST. PAUL	9.83	7.87	1.96	9.00	7.26	1.74
EASTERN SOUTHERN IOWA	10.26	8.32	1.94	9.38	7.59	1.79
BLACK HILLS	10.72	8.76	1.96	9.68	7.88	1.80
NORTH CENTRAL IOWA	10.02	8.06	1.96	9.78	7.87	1.91
DEAR RAPIDS - IOWA CITY	10.07	8.14	1.93	9.63	7.62	2.01
OLAC CITIES - EUREKA	10.08	8.14	1.94	9.24	7.51	1.73
DES MOINES	10.17	8.21	1.96	9.46	7.61	1.85
NEBRASKA - WESTERN IOWA	10.27	8.41	1.96	9.51	7.69	1.82
MINNESOTA - NORTH DAKOTA	10.06	8.11	1.95	8.88	7.15	1.73
S.E. MINN.-NORTHERN IOWA	9.82	7.87	1.95	9.31	7.45	1.86
AVERAGE 4/	10.05	8.10	1.95	9.18	7.41	1.77

CONTINUED



TABLE 3.--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, JANUARY 1976 TO DATE, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I				BLEND		CHANGE 1976 OVER 1975
	1976	1975	CHANGE 1976 OVER 1975	1976	1975		
DOLLARS PER 100 POUNDS							
WEST NORTH CENTRAL -CON.							
SOUTHERN GROUP							
ST LOUIS - CARKS	10.36	8.41	1.95	9.62	7.79	1.83	
KANSAS CITY	10.51	8.55	1.96	9.72	7.85	1.87	
MEOSHO VALLEY	10.42	8.46	1.96	10.16	8.29	1.87	
WICHITA	10.56	8.61	1.95	9.70	8.20	1.50	
AVERAGE 4/	10.43	8.48	1.95	9.66	7.85	1.81	
EAST SOUTH CENTRAL							
PADUCAH	10.46	8.52	1.94	10.20	8.27	1.93	
NASHVILLE	10.34	8.35	1.95	9.55	7.78	1.77	
MEMPHIS	10.72	8.76	1.96	10.42	8.53	1.89	
KNOXVILLE	10.47	8.51	1.96	10.09	8.17	1.92	
CHATTANOOGA	10.91	8.96	1.95	10.38	8.49	1.89	
AVERAGE 4/	10.60	8.66	1.94	10.03	8.20	1.83	
WEST SOUTH CENTRAL							
NORTHERN GROUP 5/							
CENTRAL ARKANSAS	10.70	8.76	1.94	10.44	8.47	1.97	
OKLAHOMA METROPOLITAN	10.74	8.79	1.95	9.98	8.10	1.88	
RED RIVER VALLEY	10.57	9.02	1.95	10.31	8.36	1.95	
TEXAS PANHANDLE	11.01	9.06	1.95	10.52	8.70	1.82	
ELBERTA - FLAINVIEW	11.18	9.23	1.95	10.83	8.96	1.87	
AVERAGE 4/	10.80	8.85	1.95	10.20	8.30	1.90	
SOUTHERN GROUP							
GREATER LOUISIANA 2/	11.10	9.28	1.82	10.61	8.97	1.64	
NEW ORLEANS-MISSISSIPPI 3/	11.50	9.66	1.84	10.41	8.51	1.90	
TEXAS 6/	11.09	9.37	1.72	10.43	8.69	1.74	
AVERAGE 4/	11.09	9.37	1.72	10.43	8.69	1.74	
MOUNTAIN							
EASTERN COLORADO	11.06	9.11	1.95	10.41	8.56	1.85	
GREAT BASIN	10.66	8.72	1.94	9.75	7.95	1.80	
WESTERN COLORADO	10.77	8.81	1.96	10.13	8.46	1.67	
CENTRAL ARIZONA	11.28	9.33	1.95	10.28	8.46	1.82	
RIO GRANDE VALLEY	11.11	9.16	1.95	10.60	8.76	1.84	
LAKE MEAD	10.36	8.41	1.95	9.86	7.97	1.89	
AVERAGE 4/	11.01	9.06	1.95	10.21	8.39	1.82	
PACIFIC							
PUGET SOUND	10.61	8.66	1.95	9.39	7.71	1.68	
CALIFORNIA EMPIRE	10.71	8.76	1.95	9.73	8.01	1.72	
OREGON - WASHINGTON	10.71	8.76	1.95	9.79	8.06	1.73	
AVERAGE 4/	10.67	8.72	1.95	9.58	7.88	1.70	
51-MARKET AVERAGE 2/ 5/	10.78	8.84	1.94	9.80	8.01	1.79	
ALL-MARKET AVERAGE 5/	10.86	8.91	1.95	9.86	8.06	1.80	

\* All averages are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ For the periods January through March 1976 and January to date 1975 the prices represents weighted averages for the two merged markets.

3/ See Major Order Actions, April 1976, on page 39.

4/ Based on markets where orders were effective entire period, 1975-76, and which have had no significant marketing area expansions. Excludes Middle Atlantic, Greater Louisiana, and New Orleans-Mississippi.

5/ Excludes Fort Smith. Fewer than three handlers.

6/ For the period January to date 1975, the prices represent weighted averages for the six merged markets.



TABLE 4.—NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, APRIL

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	APRIL 1976	CHANGE FROM APRIL 1975	APRIL 1976	APRIL 1975	CHANGE FROM APRIL 1975	APRIL 1976	APRIL 1975	APRIL 1976	APRIL 1975
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
<b>NEW ENGLAND</b>									
NEW ENGLAND <u>1/</u>	8,327	119	437,283	419,469	4.2	3.65	3.66	1,750	1,651
AVERAGE CR TOTAL <u>2/</u>	8,327	119	437,283	419,469	4.2	3.65	3.66	---	---
<b>MIDDLE ATLANTIC</b>									
NEW YORK-NEW JERSEY	19,379	1,236-	854,390	852,630	.2	3.63	3.66	1,470	1,379
MIDDLE ATLANTIC	8,162	534	451,765	404,123	11.8	3.69	3.76	1,845	1,766
AVERAGE CR TOTAL <u>2/</u>	19,379	1,236-	854,390	852,630	.2	3.63	3.66	---	---
<b>SOUTH ATLANTIC</b>									
APPALACHIAN	965	78-	50,641	47,950	5.6	3.64	3.67	1,749	1,532
TAMPA BAY	116	5	47,935	42,768	12.1	3.35	3.41	12,861	12,010
SOUTHEASTERN FLORIDA	175	3-	70,895	66,477	6.6	3.34	3.57	13,589	12,256
UPPER FLORIDA	175	9-	55,462	51,067	16.4	3.29	3.46	12,366	9,688
GEORGIA	1,264	99-	130,491	122,823	6.2	3.57	3.58	3,441	3,004
AVERAGE CR TOTAL <u>2/</u>	2,695	164-	359,444	331,105	8.6	3.46	3.55	---	---
<b>EAST NORTH CENTRAL</b>									
EASTERN GROUP									
SOUTHERN MICHIGAN	7,087	175-	330,711	313,277	5.6	3.69	3.79	1,555	1,438
EASTERN OHIO-WESTERN PA.	7,749	373-	304,529	288,913	5.4	3.70	3.77	1,310	1,186
OHIO VALLEY	6,341	219-	255,889	246,312	3.9	3.70	3.79	1,345	1,252
AVERAGE CR TOTAL <u>2/</u>	21,177	767-	891,129	848,502	5.0	3.70	3.78	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	239	39-	8,240	7,982	3.2	3.69	3.77	1,149	957
OHIO-EC REGIONAL	17,630	166	854,859	772,751	10.6	3.71	3.80	1,616	1,477
OSVILLE-LXCTON-EVANSVILLE	2,366	2	108,253	98,767	9.6	3.62	3.70	1,526	1,293
INDIANA	3,982	259-	184,300	161,413	1.6	3.73	3.83	1,543	1,413
SOUTHERN ILLINOIS	2,147	67	97,029	90,132	7.6	3.68	3.74	1,506	1,446
CENTRAL ILLINOIS	475	24-	20,205	18,945	6.6	3.74	3.78	1,406	1,255
AVERAGE CR TOTAL <u>2/</u>	26,842	107-	1,272,566	1,170,030	8.8	3.70	3.79	---	---
<b>WEST NORTH CENTRAL</b>									
NORTHERN GROUP									
OLLUTH - SUPERIOR	535	106	18,166	13,310	36.6	3.69	3.70	1,133	1,034
MINNEAPOLIS - ST. PAUL	5,726	118-	265,566	258,513	2.9	3.68	3.77	1,548	1,474
EASTERN SOUTH DAKOTA	485	3	25,332	24,518	3.3	3.56	3.60	1,785	1,683
BLACK HILLS	103	3	5,557	5,257	12.4	3.59	3.68	2,168	2,017
NORTH CENTRAL ICWA	257	146-	10,215	13,002	21.4-	3.77	3.81	1,645	1,441
DECAIR PAPICS - ICWA CITY	435	61	18,046	14,052	28.0	3.72	3.77	1,392	1,201
OLAC CITIES - DEUCUE	841	47-	36,859	33,043	11.5	3.72	3.80	1,538	1,370
DES MOINES	1,336	182-	57,722	56,955	1.3	3.77	3.86	1,481	1,371
NEBRASKA - WESTERN ICWA	1,728	---	54,168	68,609	6.0	3.66	3.76	1,871	1,779
MINNESOTA - NORTH DAKOTA	1,842	129-	78,547	80,068	1.9-	3.59	3.66	1,421	1,253
S.E. MINN.-NORTHERN ICWA	701	10-	36,253	35,210	3.0	3.71	3.78	1,724	1,651
AVERAGE CR TOTAL <u>2/</u>	13,996	459-	647,191	622,817	3.9	3.68	3.76	---	---

CONTINUED

TABLE 4.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, APRIL -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	APRIL 1976	CHANGE FROM APRIL 1975	APRIL 1976	APRIL 1975	CHANGE FROM APRIL 1975	APRIL 1976	APRIL 1975	APRIL 1976	APRIL 1975
	NUMBER		1,000 LBS.		PERCENT	PERCENT		PCUNOS	
WEST NORTH CENTRAL -CON.									
SOUTHERN CIRCLE									
ST LOUIS - CARKS	2,720	174-	145,336	141,380	2.8	3.52	3.59	1,781	1,628
KANSAS CITY	1,838	78-	92,833	91,351	1.6	3.62	3.69	1,684	1,590
MECHAN VALLEY	34	7	628	323	94.4	3.43	3.67	1,973	1,782
WICHITA	523	83-	32,366	22,589	43.3	3.56	3.62	2,109	1,958
AVERAGE CR TOTAL 2/	5,115	328-	271,163	255,683	6.0	3.56	3.63	---	---
EAST SOUTH CENTRAL									
HOUSTON	220	40-	11,105	11,642	4.6-	3.76	3.86	1,683	1,493
NASHVILLE	904	23-	51,874	49,455	4.9	3.59	3.66	1,913	1,778
MEMPHIS	452	341-	24,487	35,656	31.3-	3.56	3.59	2,432	1,845
KNOXVILLE	335	7	15,569	14,258	9.2	3.64	3.59	1,549	1,449
OKLAHOMA CITY	504	58-	31,658	30,442	4.0	3.72	3.78	2,094	1,806
AVERAGE CR TOTAL 2/	2,415	455-	134,693	141,453	4.8-	3.63	3.68	---	---
WEST SOUTH CENTRAL									
NORTHERN CIRCLE									
CENTRAL ARKANSAS - FORT SMITH 3/	644	6	31,287	32,783	4.6-	3.36	3.42	2,270	2,108
OKLAHOMA METROPOLITAN	1,490	157-	74,413	70,916	4.9	3.45	3.49	2,101	2,015
RED RIVER VALLEY	242	9-	12,476	12,075	3.3	3.45	3.49	2,028	2,021
TEXAS PANHANDLE	171	100-	8,171	7,858	3.4	3.44	3.45	2,928	2,238
LLEBECT - FLAINVIEW	122	54-	6,560	6,467	1.4	3.48	3.48	4,223	3,980
AVERAGE CR TOTAL 2/	2,669	314-	132,907	130,139	2.1	3.43	3.47	---	---
SOUTHERN CIRCLE									
GREATER LOUISIANA 1/	809	558	55,859	21,570	159.0	3.58	3.60	2,302	2,865
NEW ORLEANS-MISSISSIPPI 1/	1,694	762	106,576	57,497	85.4	3.55	3.61	2,097	2,056
TEXAS	3,315	861-	303,711	308,685	1.6-	3.48	3.43	2,955	2,464
AVERAGE CR TOTAL 2/	3,315	861-	303,711	308,685	1.6-	3.48	3.43	---	---
MOUNTAIN									
EASTERN COLORADO	1,075	56-	69,123	74,608	7.4-	3.57	3.63	2,143	2,124
GREAT BASIN	775	50-	62,212	58,992	5.4	3.58	3.68	2,676	2,384
WESTERN COLORADO	47	2-	4,612	3,580	28.8	3.60	3.70	3,271	2,435
CENTRAL ARIZONA	152	7-	73,898	67,740	9.1	3.52	3.54	16,206	14,201
RIC GRANDE VALLEY	198	19-	34,058	33,603	1.4	3.44	3.48	8,462	7,465
CAKE PEAC	41	2-	10,954	11,009	.5-	3.46	3.49	8,906	8,534
AVERAGE CR TOTAL 2/	2,288	176-	254,857	249,532	2.1	3.54	3.59	---	---
PACIFIC									
PUGET SOUND	1,287	64-	130,074	121,350	7.2	3.71	3.78	3,369	2,994
WALANC EMPIRE	328	27-	20,785	20,982	.9-	3.70	3.75	2,112	1,970
OREGON - WASHINGTON	1,022	76-	110,771	106,888	3.6	3.83	3.83	3,613	3,245
AVERAGE CR TOTAL 2/	2,637	167-	261,630	249,220	5.0	3.76	3.80	---	---
52-MARKET AVG. CR TOTAL 2/	110,856	4,935-	5,821,364	5,579,265	4.3	3.64	3.70	1,694	1,602
ALL MARKET AVG. CR TOTAL	121,522	3,061-	6,435,564	6,062,455	6.2	3.64	3.70	1,708	1,618

1/ See Major Order Actions, April 1976, on page 39.

2/ Based on markets where orders were effective entire period, 1975-76, and which have had no significant marketing area expansions. Excludes Middle Atlantic, Greater Louisiana, and New Orleans-Mississippi.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 5.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, APRIL

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I*		DELIVERIES AS % OF GR. CL. I	
	APRIL 1976	APRIL 1975	CHANGE FROM APRIL 1975	APRIL 1976	APRIL 1975	APRIL 1976	CHANGE FROM APRIL 1975	APRIL 1976	APRIL 1975
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS. PERCENT	PERCENT		
NEW ENGLAND									
NEW ENGLAND <u>1/</u>	249,184	246,435	1.1	57	59	250,550	0.9	174	169
AVERAGE CR TOTAL <u>2/</u>	249,184	246,435	1.1	57	59	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	390,159	402,816	3.1-	46	47	390,159	3.1-	219	212
MIDDLE ATLANTIC	275,157	254,100	8.3	61	63	291,875	8.6	155	150
AVERAGE CR TOTAL <u>2/</u>	390,159	402,816	3.1-	46	47	---	---	---	---
SOUTH ATLANTIC									
APPALACHIAN	32,509	34,811	6.6-	64	72	32,623	7.2-	155	136
BARFA LAY	41,122	36,816	11.7	86	86	41,843	11.7	114	114
SOUTHEASTERN FLORIDA	60,550	57,874	5.3	86	87	62,129	5.7	114	113
UPPER FLORIDA	50,653	45,047	12.4	85	88	52,122	11.4	114	109
GEORGIA	100,742	95,571	5.4	77	78	102,667	5.0	127	126
AVERAGE CR TOTAL <u>2/</u>	285,978	270,115	5.9	80	82	---	---	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	191,768	197,534	3.1-	58	63	192,097	3.0-	172	158
EASTERN OHIO-WESTERN PA.	178,477	182,842	2.4-	59	63	179,008	2.3-	170	158
OHIO VALLEY	161,140	159,290	1.2	63	65	163,647	5.5-	156	142
AVERAGE CR TOTAL <u>2/</u>	531,385	540,666	1.6-	60	64	---	---	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	4,190	4,556	15.4-	51	62	5,083	4.6-	162	150
OHIO-AC REGIONAL	260,762	268,934	3.0-	30	35	261,292	2.8-	327	287
INDIANA-LEXINGTON-EVANSVILLE	63,241	64,654	2.0-	58	65	64,051	1.9-	169	151
INDIANA	119,110	118,661	.4	65	65	119,477	.4	154	152
SOUTHERN ILLINOIS	53,063	52,213	1.6	55	58	53,614	1.3	161	170
CENTRAL ILLINOIS	11,514	10,376	11.0	57	55	12,649	12.6	160	169
AVERAGE CR TOTAL <u>2/</u>	511,980	519,794	1.5-	40	44	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
OLUTH - SUPERIOR	6,810	7,387	7.8-	37	55	6,811	7.9-	267	180
MINNEAPOLIS - ST. PAUL	75,556	77,249	2.2-	28	30	76,655	1.0-	347	334
EASTERN SOUTH DAKOTA	11,456	11,485	.2-	45	47	11,563	3.9-	219	204
BLACK HILLS	2,955	2,779	6.3	50	52	3,031	6.1	196	185
NORTH CENTRAL IOWA	8,196	10,442	21.5-	80	80	8,221	21.3-	124	124
QUAD RAPIDS - IOWA CITY	11,033	7,660	44.0	61	54	11,033	27.2	164	162
QUAD CITIES - CUBUQUE	15,221	14,414	5.6	41	44	15,221	5.0	242	228
DES MOINES	27,561	26,079	5.7	48	46	27,614	3.6	209	214
NEBRASKA - WESTERN IOWA	47,181	47,708	1.1-	50	54	47,350	.8-	199	186
MINNESOTA - NORTH DAKOTA	16,059	15,625	2.8	20	20	16,067	2.8	489	512
S.E. MINN.-NORTHWEST IOWA	20,135	19,174	5.0	56	54	20,135	5.0	180	184
AVERAGE CR TOTAL <u>2/</u>	242,163	240,002	.9	37	38	---	---	---	---

CONTINUED

TABLE 5.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, APRIL -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				GROSS CLASS I*				DELIVERIES AS % OF GR. CL. I	
	APRIL 1976	APRIL 1975	CHANGE FROM APRIL 1975	% USED IN CL. I	APRIL 1976	APRIL 1975	CHANGE FROM APRIL 1975	APRIL 1976	APRIL 1975	APRIL 1975
	1,000 POUNDS		PERCENT	PERCENT	1,000 LBS	PERCENT				PERCENT
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - CZARKS	94,248	91,763	2.7	65	65	99,068	2.2	147	146	
KANSAS CITY	50,014	48,273	3.6	54	53	52,010	3.6	178	182	
NEOSHO VALLEY	540	296	82.4	86	92	543	82.2	116	108	
WICHITA	17,054	16,907	.9	53	75	17,074	.2-	190	132	
AVERAGE OR TOTAL 2/	161,856	157,239	2.9	60	61	---	---	---	---	---
EAST SOUTH CENTRAL										
SOUTHERN GROUP										
DALLAS	9,277	9,278	0	84	80	9,868	2.9	112	121	
NASHVILLE	26,596	25,818	3.0	51	52	27,833	6.9	186	190	
MEMPHIS	20,920	28,069	25.5-	85	79	24,638	26.6-	99	106	
HOUSTON	11,385	10,990	3.6	73	77	11,725	3.6	133	126	
CHATTANOOGA	23,737	22,794	4.1	75	75	23,737	4.0	133	133	
AVERAGE OR TOTAL 2/	91,915	96,949	5.2-	68	68	---	---	---	---	---
WEST SOUTH CENTRAL										
NORTHERN GROUP										
CENTRAL ARKANSAS-FORT SMITH 1/	27,784	26,710	4.0	89	81	29,072	3.7	108	117	
OKLAHOMA METROPOLITAN	42,449	40,542	4.7	57	57	44,132	1.2-	169	159	
RED RIVER VALLEY	8,491	7,817	8.6	68	65	8,496	8.0	147	154	
TEXAS PANHANDLE	6,188	6,417	3.6-	76	81	6,188	3.6-	132	123	
LUBBOCK - PLAINVIEW	5,694	5,827	2.3-	87	90	5,694	2.3-	115	111	
AVERAGE OR TOTAL 2/	90,606	87,313	3.8	68	67	---	---	---	---	---
SOUTHERN GROUP										
GREATER LOUISIANA 1/	44,132	17,782	148.2	79	82	44,782	151.6	125	121	
NEW ORLEANS-MISSISSIPPI 1/	67,375	29,111	131.4	63	51	67,582	132.1	158	197	
TEXAS	211,364	209,132	1.1	70	68	213,264	0	142	145	
AVERAGE OR TOTAL 2/	211,364	209,132	1.1	70	68	---	---	---	---	---
MOUNTAIN										
SOUTHERN GROUP										
EASTERN COLORADO	50,185	48,933	2.6	73	66	54,070	4.7	128	144	
GREAT BASIN	34,380	32,522	5.7	55	55	35,438	4.0	176	173	
WESTERN COLORADO	3,155	2,987	5.6	68	83	3,231	5.7	143	117	
CENTRAL ARIZONA	44,231	41,147	7.5	60	61	44,231	7.5	167	164	
RIO GRANDE VALLEY	27,350	26,787	2.1	80	80	27,544	2.3	124	125	
UAKAHEAD	7,039	6,365	10.6	64	58	7,075	10.5	155	172	
AVERAGE OR TOTAL 2/	166,340	158,741	4.8	65	64	---	---	---	---	---
PACIFIC										
SOUTHERN GROUP										
PUGET SOUND	53,574	51,553	3.9	41	42	56,970	5.7	228	225	
CALIFORNIA EMPIRE	11,556	11,886	2.8-	56	57	11,715	5.2-	177	170	
OREGON - WASHINGTON	64,675	61,129	5.8	58	57	68,809	7.2	161	166	
AVERAGE OR TOTAL 2/	129,805	124,568	4.2	50	50	---	---	---	---	---
52-MARKET AVG. OR TOTAL 2/	3,062,735	3,053,174	.3	53	55	---	---	---	---	---
ALL-MARKET AVG. OR TOTAL	3,449,399	3,354,167	2.8	54	55	---	---	---	---	---

\* Preliminary.

1/ See Major Order Actions, April 1976, on page 39.

2/ Based on markets where orders were effective entire period, 1975-76, and which have had no significant marketing area expansions. Excludes Middle Atlantic, Greater Louisiana, and New Orleans-Mississippi.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, April and year to date with comparisons 1/

Marketing area	: Producer deliveries : % Used				: Producer deliveries : % Used			
	: used in Class II :		: in Cl. II :		: used in Class II :		: in Cl. II :	
	: Apr. :	: Apr. :	: Apr. :	: Apr. :	: Cum.* :	: Cum.* :	: Cum.* :	: Cum.* :
	: 1976 :	: 1975 :	: 1976 :	: 1975 :	: 1976 :	: 1975 :	: 1976 :	: 1975 :
	: 1,000 lb. :		: Percent :		: 1,000 lb. :		: Percent :	
SOUTH ATLANTIC	:	:	:	:	:	:	:	:
Georgia	: 8,613 :	7,898 :	6.6 :	6.4 :	: 31,581 :	26,749 :	6.1 :	5.5
EAST NORTH CENTRAL	:	:	:	:	:	:	:	:
Eastern Group	:	:	:	:	:	:	:	:
Southern Michigan	: 24,927 :	25,663 :	7.5 :	8.2 :	: 95,275 :	96,396 :	7.3 :	7.8
Eastern Ohio-W. Pa.	: 19,522 :	18,305 :	6.4 :	6.3 :	: 74,449 :	70,792 :	6.5 :	6.4
Ohio Valley	: 22,379 :	23,234 :	8.7 :	9.4 :	: 81,787 :	85,968 :	8.5 :	9.0
Western Group	:	:	:	:	:	:	:	:
Chicago Regional	: 99,209 :	100,312 :	11.6 :	13.0 :	: 370,592 :	358,442 :	11.4 :	12.3
Louis.-Lex.-Evans.	: 5,873 :	7,273 :	5.4 :	7.4 :	: 21,050 :	27,180 :	5.2 :	7.3
Indiana	: 28,031 :	26,837 :	15.2 :	14.8 :	: 102,857 :	95,739 :	14.5 :	13.6
Southern Illinois	: 11,031 :	12,227 :	11.4 :	13.6 :	: 42,697 :	43,236 :	11.6 :	12.4
Central Illinois	: 1,354 :	2,024 :	6.7 :	10.7 :	: 5,943 :	7,022 :	7.5 :	9.4
WEST NORTH CENTRAL	:	:	:	:	:	:	:	:
Northern Group	:	:	:	:	:	:	:	:
Duluth-Superior	: 463 :	695 :	2.5 :	5.2 :	: 2,074 :	2,109 :	3.2 :	4.3
Minneapolis-St. Paul	: 10,845 :	14,737 :	4.1 :	5.7 :	: 41,579 :	57,977 :	4.1 :	5.9
Eastern South Dakota	: 2,804 :	3,372 :	11.1 :	13.8 :	: 11,840 :	11,392 :	12.4 :	12.0
North Central Iowa	: 1,685 :	1,469 :	16.5 :	11.3 :	: 5,491 :	4,419 :	13.7 :	8.4
Cedar Rapids-Iowa City	: 141 :	521 :	.8 :	3.7 :	: 475 :	1,197 :	.8 :	2.2
Quad Cities-Dubuque	: 4,059 :	3,447 :	11.0 :	10.4 :	: 13,874 :	11,997 :	10.0 :	9.6
Des Moines	: 4,718 :	4,421 :	8.2 :	7.8 :	: 17,346 :	15,452 :	7.9 :	7.0
Nebraska-Western Iowa	: 10,643 :	12,030 :	11.3 :	13.5 :	: 41,969 :	41,037 :	11.6 :	11.6
Minnesota-North Dakota	: 3,860 :	3,630 :	4.9 :	4.5 :	: 14,309 :	13,980 :	4.7 :	4.5
S.E. Minn.-Northern Ia.	: 5,662 :	6,354 :	15.6 :	18.0 :	: 22,327 :	22,777 :	15.9 :	16.3
Southern Group	:	:	:	:	:	:	:	:
St. Louis-Ozarks	: 21,431 :	19,484 :	14.7 :	13.8 :	: 69,395 :	60,017 :	12.6 :	11.6
Kansas City	: 16,267 :	8,076 :	17.5 :	8.8 :	: 59,575 :	38,627 :	17.1 :	10.8
Neosho Valley	: 21 :	12 :	3.3 :	3.7 :	: 53 :	41 :	2.0 :	3.0
Wichita	: 2,254 :	3,070 :	7.0 :	13.6 :	: 8,777 :	10,357 :	7.5 :	11.6

Continued



Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, April and year to date with comparisons 1/ —Con.

Marketing area	: Producer deliveries : % Used ::				: Producer deliveries : % Used			
	: used in Class II : in Cl. II ::				: used in Class II : in Cl. II			
	Apr. : Apr. : Apr. : Apr. ::	Cum.* : Cum.* : Cum.* : Cum.* ::	1976 : 1975 : 1976 : 1975 ::	1976 : 1975 : 1976 : 1975 ::	1976 : 1975 : 1976 : 1975 ::			
	: 1,000 lb. :		: Percent ::		: 1,000 lb. :		: Percent	
EAST SOUTH CENTRAL								
Paducah	: 1,308 :	: 1,085 :	: 11.8 :	: 9.3 ::	: 4,851 :	: 3,589 :	: 11.7 :	: 8.4
Nashville	: 2,177 :	: 2,023 :	: 4.2 :	: 4.1 ::	: 8,311 :	: 8,209 :	: 4.2 :	: 4.5
Memphis	: 2,586 :	: 3,006 :	: 10.6 :	: 8.4 ::	: 9,058 :	: 8,309 :	: 8.8 :	: 6.5
Chattanooga	: 2,460 :	: 3,264 :	: 7.8 :	: 10.7 ::	: 9,589 :	: 10,321 :	: 7.8 :	: 8.8
WEST SOUTH CENTRAL								
Northern Group								
Central Arkansas-								
Fort Smith 2/	: 1,299 :	: 2,387 :	: 4.2 :	: 7.3 ::	: 5,247 :	: 6,824 :	: 4.3 :	: 5.6
Oklahoma Metropolitan	: 9,210 :	: 8,661 :	: 12.4 :	: 12.2 ::	: 32,792 :	: 29,469 :	: 12.6 :	: 11.3
Red River Valley	: 1,767 :	: 1,441 :	: 14.2 :	: 11.9 ::	: 5,843 :	: 4,320 :	: 12.1 :	: 9.6
Texas Panhandle	: 686 :	: 811 :	: 8.4 :	: 10.3 ::	: 2,667 :	: 3,039 :	: 9.1 :	: 10.1
Lubbock-Plainview	: 324 :	: 302 :	: 4.9 :	: 4.7 ::	: 1,068 :	: 867 :	: 4.2 :	: 3.4
Southern Group								
Greater Louisiana 3/	: 3,317 :	: 1,036 :	: 5.9 :	: 4.8 ::	: 5,780 :	: 3,675 :	: 4.9 :	: 4.5
New Orleans-Miss. 3/	: 9,926 :	: 2,157 :	: 9.3 :	: 3.8 ::	: 21,609 :	: 10,963 :	: 8.0 :	: 5.2
Texas	: 34,955 :	: 39,025 :	: 11.5 :	: 12.6 ::	: 132,266 :	: 141,295 :	: 11.3 :	: 12.1
MOUNTAIN								
Eastern Colorado	: 7,653 :	: 7,360 :	: 11.1 :	: 9.9 ::	: 27,203 :	: 26,675 :	: 10.1 :	: 9.8
Great Basin	: 4,025 :	: 4,447 :	: 6.5 :	: 7.5 ::	: 16,405 :	: 16,856 :	: 7.0 :	: 7.5
Western Colorado	: 126 :	: 49 :	: 2.7 :	: 1.4 ::	: 415 :	: 184 :	: 2.3 :	: 1.2
Central Arizona	: 9,992 :	: 9,367 :	: 13.5 :	: 13.8 ::	: 38,446 :	: 36,009 :	: 13.5 :	: 13.8
Rio Grande Valley	: 4,172 :	: 4,627 :	: 12.2 :	: 13.8 ::	: 16,569 :	: 16,513 :	: 12.2 :	: 12.9
Lake Mead	: 602 :	: 578 :	: 5.5 :	: 5.3 ::	: 2,159 :	: 2,342 :	: 5.2 :	: 5.7
PACIFIC								
Puget Sound	: 17,392 :	: 18,593 :	: 13.4 :	: 15.3 ::	: 71,289 :	: 71,913 :	: 14.3 :	: 15.5
Inland Empire	: 2,355 :	: 2,138 :	: 11.3 :	: 10.2 ::	: 8,741 :	: 7,820 :	: 11.1 :	: 9.8
Oregon-Washington	: 13,708 :	: 15,572 :	: 12.4 :	: 14.6 ::	: 54,136 :	: 55,121 :	: 13.0 :	: 13.8

\* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

3/ See Major Order Actions, April 1976, on page 39.

TABLE 7.-PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I  
JANUARY 1976 TO DATE \*

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1976	1975	CHANGE 1976 OVER 1975	1976	1975	CHANGE 1976 OVER 1975	1976	1975
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
NEW ENGLAND								
NEW ENGLAND 1/	1,683,721	1,590,017	5.9	1,005,862	991,372	1.5	60	62
TOTAL 2/	1,683,721	1,590,017	5.9	1,005,862	991,372	1.5	60	62
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	3,207,277	3,185,959	.7	1,580,517	1,627,968	2.9-	49	51
MIDDLE ATLANTIC	1,731,117	1,585,361	9.2	1,111,823	993,615	11.9	64	63
TOTAL 2/	3,207,277	3,185,959	.7	1,580,517	1,627,968	2.9-	49	51
SOUTH ATLANTIC								
APPALACHIAN	187,415	176,840	6.0	133,839	143,980	7.0-	71	81
TAMPA BAY	189,583	167,234	13.4	169,220	150,730	12.3	89	90
SOUTHEASTERN FLORIDA	277,103	260,066	6.6	250,630	239,422	4.7	90	92
UPPER FLORIDA	231,707	210,665	10.0	203,350	194,014	4.8	88	92
GEORGIA	516,042	485,477	6.3	409,981	393,752	4.1	79	81
TOTAL 2/	1,401,850	1,300,282	7.8	1,167,020	1,121,898	4.0	83	86
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	1,301,758	1,232,371	5.6	792,238	794,749	.3-	61	64
EASTERN OHIO-WESTERN PA.	1,153,586	1,101,527	4.8	730,443	732,888	.3-	63	66
OHIO VALLEY	963,512	956,009	.8	638,302	632,154	1.0	66	66
TOTAL 2/	3,419,256	3,289,907	3.9	2,160,983	2,159,791	0	63	66
WESTERN GROUP								
MICHIGAN UPPER PENINSULA	31,542	30,937	2.0	17,509	19,940	12.2-	56	64
OHIO-REGIONAL	3,258,977	2,903,512	12.2	1,071,665	1,082,790	1.0-	33	37
WHEELING-LEXINGTON-EVANSVILLE	401,010	371,441	8.0	269,347	264,904	1.7	67	71
INDIANA	711,709	701,893	1.4	473,514	471,444	.4	66	67
SOUTHERN ILLINOIS	368,850	349,546	5.5	214,457	208,132	3.0	58	60
CENTRAL ILLINOIS	79,145	74,415	6.4	46,519	41,377	12.4	59	56
TOTAL 2/	4,851,223	4,431,744	9.5	2,093,051	2,088,587	.2	43	47
WEST NORTH CENTRAL								
NORTHERN GROUP								
ILLINOIS - SUPERIOR	64,612	48,889	32.2	29,026	29,029	0	45	59
MINNEAPOLIS - ST. PAUL	1,024,660	989,495	3.6	310,374	315,686	1.7-	30	32
EASTERN SOUTH DAKOTA	95,609	94,717	.9	45,719	44,926	1.8	48	47
BLACK HILLS	21,750	20,750	4.8	12,255	11,198	9.4	56	54
NORTH CENTRAL IOWA	40,034	52,764	24.1-	33,319	43,096	22.7-	83	82
DEAR RAPIDS - IOWA CITY	59,097	53,523	10.4	40,287	31,151	29.3	68	58
QUAC CITIES - CLEVEQUE	139,382	125,309	11.2	58,437	58,104	.6	42	46
DES MOINES	219,613	220,541	.4-	111,697	105,368	6.0	51	48
NEBRASKA - WESTERN IOWA	360,984	354,903	1.7	193,012	192,139	.4	53	54
MINNESOTA - NORTH DAKOTA	301,597	311,585	3.1-	64,509	62,682	2.9	21	20
S.E. MINN.-NORTHERN IOWA	140,421	139,733	.5	80,654	75,549	6.8	57	54
TOTAL 2/	2,468,159	2,412,209	2.3	979,289	968,928	1.1	40	40

CONTINUED

TABLE 7.-PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS 1  
JANUARY 1976 TO DATE \* -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS 1			% USED IN CL. 1	
	1976	1975	CHANGE 1976 OVER 1975	1976	1975	CHANGE 1976 OVER 1975	1976	1975
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST. LOUIS - CZAPEK	551,515	517,440	6.6	376,767	360,484	4.5	68	70
KANSAS CITY	348,315	358,606	2.9-	203,293	198,046	2.6	58	55
NEOSHO VALLEY	2,551	1,347	92.4	2,297	1,260	82.3	89	94
MICHITA	116,930	85,141	31.2	68,245	67,964	.4	58	76
TOTAL 2/	1,019,351	966,534	5.5	650,602	627,754	3.6	64	65
EAST SOUTH CENTRAL								
NADLQAF								
NASHVILLE	41,345	42,693	3.2-	35,379	36,346	2.7-	86	85
MEMPHIS	195,876	181,727	7.8	107,343	102,707	4.5	55	56
KNOXVILLE	103,208	128,132	19.4-	90,338	105,532	14.4-	88	82
OKLAHOMA CITY	56,956	54,586	3.6	47,742	44,019	8.4	84	80
OKLAHOMA CITY	122,754	117,742	4.3	95,065	90,900	4.6	77	77
TOTAL 2/	520,179	525,280	1.0-	375,867	379,504	1.0-	72	72
WEST SOUTH CENTRAL								
NORTHWESTERN GROUP								
CENTRAL ARKANSAS -FORT SMITH 2/	121,082	121,320	.2-	108,642	106,140	2.4	90	87
OKLAHOMA METROPOLITAN	261,109	260,181	.4	170,816	165,614	3.1	65	64
RED RIVER VALLEY	48,162	44,817	7.5	35,133	31,021	13.2	73	69
TEXAS PANHANDLE	29,355	30,023	2.2-	24,235	25,562	5.2-	82	85
ULSTER - FLAINTVIEW	25,450	25,477	0	22,394	22,813	1.8-	88	90
TOTAL 2/	485,158	481,818	.7	361,220	351,150	2.9	74	73
SOUTHERN GROUP								
GREAT LAKES	118,925	82,044	45.0	97,475	70,616	38.0	82	86
NEW ORLEANS-MISSISSIPPI	269,650	209,378	28.8	164,305	117,063	40.4	61	56
TEXAS	1,166,776	1,170,902	.4-	867,837	837,452	3.6	74	72
TOTAL 2/	1,166,776	1,170,902	.4-	867,837	837,452	3.6	74	72
MOUNTAIN								
EASTERN COLORADO								
DENVER	268,802	271,903	1.1-	200,741	189,979	5.7	75	70
DENVER	234,082	224,175	4.4	133,982	126,564	5.9	57	56
WESTERN COLORADO	18,039	15,672	15.1	13,393	12,679	5.6	74	81
CENTRAL ARIZONA	283,855	260,089	9.2	178,327	166,235	7.3	63	64
GRAND VALLEY	136,076	127,892	6.4	110,021	104,843	4.9	81	82
BAKE HEAD	41,871	41,431	1.1	28,000	26,616	5.2	67	64
TOTAL 2/	982,765	941,162	4.4	664,464	626,916	6.0	68	67
PACIFIC								
PUGET SOUND								
SEATTLE	499,314	465,422	7.3	212,091	202,743	4.6	42	44
SEATTLE	78,830	79,761	1.2-	46,767	47,799	2.2-	59	60
OREGON - WASHINGTON	416,667	399,474	4.3	252,631	243,336	3.8	61	61
TOTAL 2/	994,811	944,657	5.3	511,489	493,878	3.6	51	52
52-MARKET TOTAL 2/	22,200,586	21,240,471	4.5	12,418,261	12,275,198	1.2	56	58
ALL-MARKET TOTAL	24,320,278	23,117,254	5.2	13,791,804	13,456,492	2.5	57	58

\* Volumes include 29-day totals for February 1976. The percentage changes are based on adjusted 28-day totals for February 1976 to make them comparable to 1975.

1/ See Major Order Actions, April 1976, on page 39.

2/ Based on markets where orders were effective entire period, 1975-76, and which have had no significant marketing area expansions. Excludes Middle Atlantic, Greater Louisiana, and New Orleans-Mississippi.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 8.--WHOLE MILK, LOW FAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, MARCH 1976 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	MARCH 1976		CHANGE 1976 FROM 1975		MARCH 1976		CHANGE 1976 FROM 1975		MARCH 1976		CHANGE 1976 FROM 1975	
	DAILY AVG	BUTTER-FAT CONTENT	MARCH	YEAR TO DATE 4/	DAILY AVG	BUTTER-FAT CONTENT	MARCH	YEAR TO DATE 4/	DAILY AVG	BUTTER-FAT CONTENT	MARCH	YEAR TO DATE 4/
	1,000 LB.	PERCENT			1,000 LB.	PERCENT			1,000 LB.	PERCENT		
NEW ENGLAND												
BCSTON REGIONAL	5,116	3.41	1.5 -	1.8	972	1.09	14.7	9.6	6,089	3.04	3.4 -	0.1
CONNECTICUT	1,857	3.33	0	3.1	477	1.03	20.3	14.7	2,335	2.86	3.5 -	0
MIDDLE ATLANTIC												
MIDDLE ATLANTIC 5/	6,385	3.40	2.2	.4	2,193	1.24	22.8	12.0	8,578	2.85	6.8	3.1
SOUTH ATLANTIC												
APPALACHIAN	332	3.37	- .6 -	1.9	107	1.33	4.6	2.2	440	2.88	.6 -	.9
TAMPA BAY	1,169	3.32	.9	0	396	1.09	24.7	19.7	1,566	2.76	6.0	4.3
SOUTHEASTERN FLORIDA	1,604	3.33	.8 -	.5	414	1.09	9.0	7.2	2,018	2.87	2.4	.9
UPPER FLORIDA	1,375	3.28	1.5 -	1.5	379	1.23	34.8	27.6	1,754	2.84	7.2	3.4
GEORGIA	1,866	3.33	- .2 -	1.9	1,022	1.40	15.1	12.4	2,888	2.65	4.7	2.6
EAST NORTH CENTRAL												
EASTERN GROUP												
SOUTHERN MICHIGAN	4,326	3.27	- 1.2 -	4.3	2,003	.92	5.4	5.4	6,329	2.52	.8 -	1.4
E. CHIC - W. PA.	4,689	3.31	- 2.4 -	3.1	1,600	1.68	19.8	12.6	6,290	2.90	2.4	.4
OHIO VALLEY	3,919	3.26	- 1.6 -	5.6	1,998	1.65	19.1	16.3	5,918	2.72	4.5	.8
WESTERN GROUP												
MICH. UPPER PENINSULA	185	2.84	6.8 -	5.9	95	1.67	- 1.4	.7	280	2.45	3.9 -	3.5
CHICAGO REGIONAL	5,069	3.31	.1 -	3.8	3,296	1.56	5.7	2.4	8,366	2.62	2.3 -	1.4
LOUIS.-LEX.-EVANS	1,094	3.29	- .9 -	3.8	829	1.72	6.7	5.8	1,924	2.62	2.2	.1
INDIANA	1,829	3.26	1.9 -	5.2	1,669	1.70	5.7	4.7	3,498	2.51	3.7 -	.7
SOUTHERN ILLINOIS	784	3.26	4.1 -	1.8	684	1.71	8.7	3.4	1,468	2.54	6.2	.6
CENTRAL ILLINOIS	377	3.28	4.8	1.3	317	1.67	9.9	7.6	694	2.55	7.0	4.1
WEST NORTH CENTRAL												
NORTHERN GROUP												
DULUTH - SUPERIOR	77	3.36	3.8 -	5.3	101	1.64	15.3	10.0	179	2.38	10.0	2.7
MINNEAPOLIS - ST. PAUL	601	3.26	- 4.3 -	10.7	1,532	1.39	7.6	3.7	2,134	1.92	4.0 -	.9
EASTERN SOUTH DAKOTA	127	3.28	1.0 -	5.8	177	1.76	7.9	1.7	305	2.40	4.9 -	1.6
BLACK HILLS	42	3.30	1.6 -	2.5	48	1.91	11.4	6.9	91	2.56	6.6	2.3
NORTH CENTRAL IOWA	175	3.38	- 4.4 -	10.5	295	1.67	13.7	8.7	470	2.30	6.2	.6
CEDAR RAPIDS-IOWA CITY	51	3.39	- 21.4 -	22.5	92	1.48	1.8	1.9	144	2.16	- 7.9 -	8.5
QUAC CITIES - CUBUQUE	270	3.29	- 1.5 -	6.1	247	1.62	2.9	.7	517	2.50	.6 -	3.6
DES MOINES	243	3.54	- 3.7 -	6.3	391	1.64	6.4	3.2	635	2.37	2.3 -	.7
NEBRASKA-WESTERN IOWA	794	3.32	- 1.4 -	4.2	689	1.57	12.2	8.3	1,484	2.51	4.5	1.2
MINNESOTA - N. DAKOTA	226	3.28	- 1.1 -	7.0	303	1.59	12.6	7.1	529	2.31	6.3	.5
SE. MIAN-NORTHERN IOWA	187	3.30	- 3.7 -	9.3	369	1.47	16.5	10.8	557	2.08	8.8	3.0

CONTINUED

TABLE 8.--WHOLE MILK, LOW FAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, MARCH 1976 WITH COMPARISONS <sup>1/</sup> -CON.

MARKETING AREA	WHOLE MILK <sup>2/</sup>				LOWFAT AND SKIM MILK ITEMS <sup>3/</sup>				TOTAL			
	MARCH 1976		CHANGE 1976 FROM 1975		MARCH 1976		CHANGE 1976 FROM 1975		MARCH 1976		CHANGE 1976 FROM 1975	
	DAILY AVG	BUTTER-FAT CONTENT	MARCH	YEAR TO DATE <sup>4/</sup>	DAILY AVG	BUTTER-FAT CONTENT	MARCH	YEAR TO DATE <sup>4/</sup>	DAILY AVG	BUTTER-FAT CONTENT	MARCH	YEAR TO DATE <sup>4/</sup>
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
WEST NORTH CENTRAL -CON.												
SOUTHERN GROUP												
ST LOUIS - OZARKS	1,209	3.28	6.1	0.8	890	1.53	4.8	4.2	2,100	2.54	5.5	2.2
KANSAS CITY	871	3.28	4.1	.7	668	1.48	5.5	3.7	1,539	2.50	4.7	2.0
NEOSHO VALLEY	154	3.31	- 2.6	- 11.9	64	1.46	9.4	1.9	219	2.77	.6	- 8.3
WICHITA	354	3.26	- 1.1	- 6.8	192	1.51	10.8	5.8	547	2.64	2.8	- 2.7
EAST SOUTH CENTRAL												
PAULCAT	178	3.23	- 1.2	.7	73	1.27	11.1	8.7	252	2.66	3.9	1.8
NASHVILLE	745	3.33	- .4	- 2.4	338	1.44	12.7	5.8	1,083	2.74	3.4	- 0
MEMPHIS	462	3.30	.9	- 3.7	209	1.12	6.8	6.2	671	2.62	2.6	- .8
KNOXVILLE	301	3.37	1.5	- 1.8	355	1.74	7.3	5.8	656	2.49	4.6	2.2
CHATTANOOGA	295	3.30	- 2.7	- 4.8	286	1.59	11.5	8.9	581	2.46	3.8	1.4
WEST SOUTH CENTRAL												
NORTHERN GROUP												
CENTRAL ARKANSAS	451	3.48	2.8	- 4.8	184	1.59	16.0	16.6	635	2.93	6.3	.6
FORT SMITH	67	3.30	3.4	- 2.9	21	1.27	29.8	18.7	89	2.81	8.7	1.4
OKLAHOMA METROPOLITAN	872	3.32	- 1.9	- 2.9	247	1.39	10.1	11.6	1,120	2.89	.5	- .1
RED RIVER VALLEY	338	3.32	15.1	6.8	63	1.02	18.4	11.2	401	2.96	15.6	7.5
TEXAS PANHANDLE	204	3.33	10.4	6.8	42	1.46	8.0	1.1	246	3.02	10.0	5.9
LUBBOCK - PLAINVIEW	174	3.37	1.7	- 5.4	36	1.40	1.1	- 3.8	211	3.03	1.6	- 5.1
SOUTHERN GROUP												
NORTHERN LOUISIANA	313	3.58	4.5	- 5.2	114	1.61	49.7	44.8	427	3.06	13.6	4.5
NEW ORLEANS	694	3.53	4.7	1.1	103	1.34	- 7.8	- 5.0	798	3.25	2.9	.2
TEXAS <sup>6/</sup>	5,170	3.41	13.6	7.9	1,672	1.26	10.1	8.6	6,843	2.89	12.7	8.1
MOUNTAIN												
EASTERN COLORADO	864	3.32	8.6	- .3	713	1.74	19.2	11.6	1,577	2.60	13.1	4.7
GREAT BASIN	446	3.35	- 1.3	- 5.0	672	1.88	19.7	11.9	1,118	2.47	10.4	4.4
WESTERN COLORADO	69	3.36	9.5	- 4.3	39	1.88	24.6	16.8	108	2.83	14.5	2.5
CENTRAL ARIZONA	989	3.49	.5	- 2.7	489	1.38	16.2	12.6	1,479	2.79	5.2	1.9
RIO GRANDE VALLEY	871	3.35	9.1	3.0	173	1.51	16.1	10.4	1,045	3.04	10.2	4.1
LAKE MEAD	210	3.52	7.9	4.7	101	1.62	27.9	22.8	312	2.91	13.6	9.9
PACIFIC												
PUGET SOUND	744	3.36	- 1.9	- 5.6	965	1.84	12.6	7.4	1,709	2.50	5.7	1.3
INLAND EMPIRE	131	3.34	- 9.2	- 10.9	255	1.76	12.1	8.5	387	2.30	3.8	.9
OREGON-WASHINGTON	989	3.40	1.6	- 2.0	1,141	1.82	12.5	8.3	2,130	2.55	7.2	3.2
COMBINED AREAS (55)	62,959	3.34	1.6	1.9	32,802	1.48	11.9	8.1	95,761	2.70	4.9	1.3
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION (55) <sup>7/</sup>	62,447	---	.8	- 2.0	32,622	---	9.5	8.0	95,029	---	2.4	1.2
NEW YORK-NEW JERSEY <sup>8/</sup>	---	---	---	---	---	---	---	---	14,201	---	1.2	- 2.2

<sup>1/</sup> In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore some handler in-area sales are partially estimated.

<sup>2/</sup> Plain and flavored whole milk.

<sup>3/</sup> Plain, fortified, and flavored skim and lowfat milk and buttermilk.

<sup>4/</sup> Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

<sup>5/</sup> Sales represent the marketing area after the expansion of June 1, 1975. Data are estimated.

<sup>6/</sup> Sales represent the marketing area after the merger and expansion of North Texas, Central West Texas, Austin-Waco, San Antonio, Corpus Christi, and South Texas, July 1, 1975.

<sup>7/</sup> Figures adjusted to eliminate variations due to calendar composition. See special article on page 34 of this issue.

<sup>8/</sup> Small amount of sales estimated.



Table 9.--Daily average sales of individual whole milk items, lowfat and skim milk items, in 55 selected marketing areas defined by Federal milk orders, January 1976 to date, with comparisons <sup>1/</sup>

Item	January				February				March				April			
	Change 1976 from 1975		Daily average		Change 1976 from 1975		Daily average		Change 1976 from 1975		Daily average		Change 1976 from 1975		Daily average	
	Jan.	Year to date	Jan.	Year to date	Feb.	Year to date	Feb.	Year to date	Mar.	Year to date	Mar.	Year to date	Apr.	Year to date	Apr.	Year to date
	Percent	Percent	1,000 lb.	Percent	Percent	Percent	1,000 lb.	Percent	Percent	Percent	1,000 lb.	Percent	Percent	Percent	1,000 lb.	Percent
Whole milk	61,313.3	- 1.3	- 1.3	57,286.3	- 6.4	- 3.7	59,928.3	1.0	- 2.1							
Flavored whole milk	2,762.0	- 3.0	- 3.0	2,850.1	- 1.8	- 2.4	3,030.9	15.6	3.4							
Total whole milk items	64,075.3	- 1.4	- 1.4	60,136.4	- 6.2	- 3.7	62,959.2	1.6	- 1.9							
Lowfat (2%) milk																
Plain	14,820.5	20.9	20.9	14,160.4	13.7	17.5	15,289.0	28.1	21.1							
Solids added	9,993.6	- 5.1	- 5.1	9,316.6	- 8.7	- 6.7	8,939.4	- 10.9	- 8.1							
Skim milk																
Plain	1,821.6	14.6	14.6	1,729.3	8.3	11.6	1,850.4	12.7	12.0							
Solids added	2,365.9	- 6.5	- 6.5	2,392.9	- 5.3	- 5.9	2,540.5	4.7	- 2.3							
Flavored milk drinks	2,123.8	23.3	23.3	2,166.1	23.1	23.2	2,423.3	51.1	32.3							
Buttermilk	1,701.0	.3	.3	1,656.1	- 2.5	- 1.0	1,759.1	4.8	1.0							
Total lowfat and skim milk items	32,826.4	8.3	8.3	31,421.3	3.9	6.2	32,801.7	11.9	8.1							
Total	96,901.8	1.7	1.7	91,557.7	- 3.0	- .5	95,760.9	4.9	1.3							
Total adjusted for calendar composition <sup>3/</sup>	94,834.4	.8	.8	94,543.9	.2	.5	95,029.2	2.5	1.2							

<sup>1/</sup> See table 8 for markets included.

<sup>2/</sup> Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

<sup>3/</sup> Figures are adjusted to eliminate variations due to calendar composition. See special article on page 34 of this issue.

Table 10.—Packaged sales of whole milk, lowfat and skim milk items, milk and cream mixtures, cream items, and total fluid items by handlers regulated under Federal milk order markets, grouped by regions, March 1976, with comparisons 1/

Region 2/	Whole milk items 3/				Lowfat and skim milk items 4/				Milk and cream mixtures				Cream items 5/				Total fluid items 6/			
	Mil.	Percent	Mil.	Percent	Mil.	Percent	Mil.	Percent	Mil.	Percent	Mil.	Percent	Mil.	Percent	Mil.	Percent	Mil.	Percent	Mil.	Percent
	lb.		lb.		lb.		lb.		lb.		lb.		lb.		lb.		lb.		lb.	
	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.	:Change	:Bf.
	:over	:test	:over	:test	:over	:test	:over	:test	:over	:test	:over	:test	:over	:test	:over	:test	:over	:test	:over	:test
	:prev.		:prev.		:prev.		:prev.		:prev.		:prev.		:prev.		:prev.		:prev.		:prev.	
	:year		:year		:year		:year		:year		:year		:year		:year		:year		:year	
NEW ENGLAND	217	0.8	3.38	46	16.2	1.08	2.5	13.2	10.7	4.9	-2.8	22.5	272	3.3	3.40					
MIDDLE ATLANTIC	215	7/	3.38	75	7/	1.23	2.2	7/	10.9	2.9	7/	27.4	297	7/	3.11					
SOUTH ATLANTIC	214	3.7	3.34	74	18.3	1.27	2.5	8.7	10.9	1.6	9.8	22.4	293	7.0	2.97					
FART NORTH CENTRAL	704	-6	3.29	399	10.5	1.52	10.2	2.8	11.2	9.9	-6.6	18.2	1,128	3.1	2.86					
WEST NORTH CENTRAL	202	3.1	3.30	220	10.6	1.53	4.7	4.8	11.1	4.0	-10.2	22.2	433	6.7	2.65					
EAST SOUTH CENTRAL	65	-3.5	3.34	37	10.2	1.46	.9	3.3	10.9	.7	8.2	23.0	104	1.3	2.86					
WEST SOUTH CENTRAL	295	8.9	3.41	83	9.6	1.33	2.3	10.2	11.2	2.2	10.2	21.5	384	9.2	3.10					
MOUNTAIN	102	4.3	3.38	68	18.0	1.67	1.9	0	11.4	1.8	6.7	20.4	176	9.6	2.97					
PACIFIC	57	.2	3.3	71	12.4	1.81	1.7	11.1	11.3	1.2	-5.3	25.5	133	6.9	2.81					
TOTAL	2,071	3.1	3.34	1,073	13.1	1.48	29.0	6.8	11.1	29.1	1.6	21.4	3,219	6.3	2.94					

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See page 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light heavy, and sour cream, and cream dips.

6/ Includes eggnog and yogurt.

7/ Percentage changes not shown due to expansion of marketing area, June 1, 1975.

Table 11.—Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal order markets, January 1976 to date, with comparisons 1/

	January					February					March					April				
Item	: : : : : : : : :					: : : : : : : : :					: : : : : : : : :					: : : : : : : : :				
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Table 12.—Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk order markets, grouped by regions, March 1975 1/

Region 2/	Butter	Cheese	Frozen desserts	Cottage cheese	Skim milk powder	Condensed milk 3/	Class II/III : milk solids used to fortify Class I	Other factory products and uses 4/	TOTAL
<b>Product Pounds</b>									
<b>1,000 lbs.</b>									
New England and Middle Atlantic	4,303	79,846	26,917	48,532	83,755	57,665	4,013	24,895	329,926
South Atlantic	3,401	13,126	18,439	6,252	6,353	695	3,492	8,381	60,138
East North Central	34,718	470,417	74,787	125,236	104,444	103,088	9,647	69,656	991,993
West North Central	31,770	210,322	29,838	35,590	214,514	13,273	3,279	23,151	561,737
East South Central	2,729	12,706	4,079	4,027	14,406	615	718	4,926	44,206
West South Central	7,468	57,178	19,730	23,758	40,573	15,806	5,582	12,508	182,604
Mountain	2,404	46,704	13,644	20,972	15,852	380	2,898	4,603	107,456
Pacific	7,517	35,773	11,759	20,598	37,881	4,982	842	9,417	128,768
TOTAL 5/	94,310	926,072	199,193	284,965	517,777	196,503	30,470	157,537	2,406,827
<b>Butterfat Pounds</b>									
<b>1,000 lbs.</b>									
New England and Middle Atlantic	2,462	3,198	3,621	663	47	942	0	3,497	14,429
South Atlantic	1,337	481	1,901	197	0	25	0	393	4,334
East North Central	12,212	19,796	8,952	1,188	55	662	6/	2,618	45,482
West North Central	12,770	7,792	3,047	345	111	41	6/	894	24,998
East South Central	986	536	625	37	0	24	0	166	2,373
West South Central	2,771	1,878	2,353	243	30	274	0	768	8,317
Mountain	866	1,690	1,303	162	20	14	0	177	4,233
Pacific	2,708	1,359	1,094	193	29	88	0	467	5,939
TOTAL 5/	36,111	36,730	22,896	3,029	243	2,068	6/	8,980	110,107

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted an' shipped to non-order plants for processing. Some data are partially estimated.

2/ See 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ "Other factory products" include evaporated whole milk, milk, skim milk, and cream used in food products, whole milk powder, and aerated frozen and plastic cream. Other "uses" include milk, skim milk, and cream used for animal feed, dumped or spilled, plant loss, and unidentified.

5/ Totals may not add due to rounding.

6/ Less than 500 pounds.

Table 13.—Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk order markets, grouped by regions, March 1976 1/

Region 2/	Butter	Cheese	Frozen desserts	Cottage cheese	Skim milk powder	Condensed milk 3/	Class II/III : : milk solids : used to : fortify : Class I	Other fac- tory products and uses 4/	TOTAL

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See page 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ "Other factory products" include evaporated whole milk, milk, skim milk, and cream used in food products, whole milk powder, and aerated frozen and plastic cream. Other "uses" include milk, skim milk, and cream used for animal feed, dumped or spilled, plant loss, and unidentified.

5/ Totals may not add due to rounding.

6/ Less than 500 pounds.



Table 14.—Percentage of whole milk equivalent used in the production of manufactured dairy products, in 55 selected Federal order markets, January 1976 to date, with comparisons 1/

Manufactured dairy products	January		February		March		April		May		June	
	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975
	Percent											
Butter	33.4	35.5	32.1	35.5	29.2	32.8						
Cheese	33.8	30.2	34.2	30.3	34.4	33.4						
Frozen desserts	19.8	19.6	20.9	20.3	23.7	20.8						
Cottage cheese	2.5	2.7	2.6	2.9	2.9	2.8						
All other 2/	10.5	12.0	10.2	11.0	9.8	10.2						
	100.0	100.0	100.0	100.0	100.0	100.0						

Manufactured dairy products	July		August		September		October		November		December	
	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975
	Percent											
Butter												
Cheese												
Frozen desserts												
Cottage cheese												
All other 2/												

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. See table 8 for 55 markets included.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 15.—Federal order base and excess prices for milk of 3.5 percent butterfat content, April 1/

Marketing area	Base price		Excess price		Base price		Excess price	
	April		April		April		April	
	1976	1975	1976	1975	1976	1975	1976	1975
	Dollars per 100 lb.				Dollars per 100 lb.			
Central Arkansas	10.16	8.72	9.18	6.88	10.18	8.82	8.32	6.82
Chattanooga	10.25	8.78	8.44	6.95	9.32	8.08	8.44	6.94
Fort Smith	10.15	8.18	9.53	8.22	9.71	8.23	8.44	6.94
Georgia 2/	10.39	9.01	8.44	6.94	10.06	8.64	8.44	6.94
Kansas City	—	8.03	—	6.89	9.39	8.01	8.44	6.94
Memphis	10.13	9.01	9.02	7.59				

1/ See footnotes on table 2 for location at which price is reported.  
2/ Class I base plan.

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Table 16.—Seasonal incentive fund excluded under various Federal milk orders, April

Marketing area	April		Marketing area	April	
	1976	1975		1976	1975
	Dollars per 100 lb.			Dollars per 100 lb.	
New England	0.30	0.30	New York-New Jersey	0.30	0.30
Central Illinois	.25	.25	Ohio Valley	.25	.25
Eastern Ohio-Western Pa.	.25	.25	Paducah	.50	.50
Indiana	.20	.20	St. Louis-Ozarks	.25	.25
Louisville-Lexington-			Southern Illinois	.25	.25
Evansville	.40	.40			

Table 17.—Dairy product prices and manufacturing milk prices January 1976 to date, with comparisons

Month	Dairy product market prices											
	BUTTER 1/			CHEDDAR CHEESE 1/			NONFAT DRY MILK 2/			DRIED WHEY, EDIBLE 1/		
	::			::			::			::		
	Chicago			Wis. assembling points			Chicago area plant			Central States Production Area		
	92-Score	1975	1976	92-Score	1975	1976	92-Score	1975	1976	92-Score	1975	1976
January	86.12	89.87	67.73	95.81	70.67	100.44	74.79	56.73	66.04	56.73	6.67	9.88
February	80.94	84.81	69.40	86.44	73.00	90.03	76.88	59.24	64.25	59.24	5.91	7.72
March	86.05	91.42	69.43	90.62	73.38	94.42	77.38	60.58	63.37	60.58	5.40	6.74
April	89.52	93.88	70.58	91.94	74.86	96.88	78.80	60.66	62.90	60.66	5.26	6.36
May	69.19	70.62	70.62	70.62	76.88	80.56	80.56	60.36	60.36	60.36	6.09	6.09
June	69.19	70.88	70.88	70.88	78.25	82.38	82.38	60.44	60.44	60.44	5.99	5.99
July	76.62	79.03	86.31	86.03	80.78	84.82	84.82	60.45	60.45	60.45	6.26	6.26
August	83.56	86.31	90.07	90.19	86.03	94.00	94.00	64.08	64.08	64.08	7.44	7.44
September	87.87	90.07	95.04	95.04	94.95	98.95	98.95	68.29	68.29	68.29	8.16	8.16
October	93.04	95.04	105.25	105.25	95.31	99.31	99.31	71.36	71.36	71.36	8.22	8.22
November	97.28	105.25	110.14	110.14	96.90	101.68	101.68	71.17	71.17	71.17	7.70	7.70
December	103.62	110.14	82.04	82.04	82.60	86.61	86.61	62.90	62.90	62.90	7.20	7.20
Average	79.38	82.04	82.04	82.04	82.60	86.61	86.61	62.90	62.90	62.90	7.20	7.20

Cents per pound

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content											
	Minn.-Wis. Manuf.			Butter powder			"Snubber" 5/			1975		
	::			::			::			::		
	grade milk 4/			1976			1976			1975		
	1976	1975	1976	1976	1975	1976	1976	1975	1976	1975	1976	1975
January	8.90	6.80	8.55	8.55	6.80	8.55	8.55	6.98	6.98	6.98	6.98	6.98
February	8.25	6.85	8.19	8.19	6.85	8.19	8.19	7.24	7.24	7.24	7.24	7.24
March	8.60	6.86	8.33	8.33	6.86	8.33	8.33	7.35	7.35	7.35	7.35	7.35
April	8.44	6.94	8.44	8.44	6.94	8.44	8.44	7.40	7.40	7.40	7.40	7.40
May		7.02			7.02			7.38	7.38	7.38	7.38	7.38
June		7.11			7.11			7.38	7.38	7.38	7.38	7.38
July		7.35			7.35			7.69	7.69	7.69	7.69	7.69
August		7.70			7.70			8.07	8.07	8.07	8.07	8.07
September		8.27			8.27			8.47	8.47	8.47	8.47	8.47
October		8.60			8.60			9.03	9.03	9.03	9.03	9.03
November		8.84			8.84			9.46	9.46	9.46	9.46	9.46
December		9.08			9.08			9.71	9.71	9.71	9.71	9.71

Dollars per 100 lb.

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by SMS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SMS. 5/ (Chicago 92-score butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 18.—U.S. milk prices, U.S. milk-feed ratio, and general price measures, January 1976, with comparisons

Month	U.S. milk prices										U.S. milk prices, 3.5 percent butterfat basis 1/										U.S.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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of	Price	Av.	fat	parity	price	Price	at	fat	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	price	p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\* Preliminary. \*\* Based on partially revised data. 1/ Converted by using Chicago 92-score butter times 0.120. 2/ "Agricultural Prices," SRS. 3/ "Dairy Products," SRS. 4/ Pounds of concentrate ration equal in value to one pound of milk sold to plants. 5/ Seasonally adjusted. 6/ Price at test adjusted to a 3.67 percent fat test by using Chicago 92-score butter times 0.120 as a percentage of parity price equivalent. 7/ "Wholesale Prices and Price Index," BLS. 8/ "Consumer Price Index," BLS. 9/ For commodities and services, interest, taxes, and wage rates. 10/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.



Table 19.—Retail prices paid by consumers for dairy products, United States, January 1976 to date, with comparisons 1/

Month	Whole milk and skim milk				Ice cream prepackaged	Cheese American process <u>4/</u>	Butter <u>2/</u>			
	At stores									
	Whole milk <u>2/</u>		Skim milk <u>3/</u>							
	1976	1975	1976	1975						
	1976	1975	1976	1975	1976	1975	1976	1975		
	Cents per $\frac{1}{2}$ gal.				Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ lb.		Cents per lb.	
Jan.	82.1	79.4	77.8	74.7	125.6	121.9	86.2	72.7	129.8	92.6
Feb.	82.7	79.2	77.4	74.6	126.8	122.3	86.7	73.6	123.1	94.6
Mar.	82.8	78.9	77.7	74.2	125.6	123.0	85.6	73.7	117.8	95.2
Apr.	82.6	78.5	77.7	74.1	125.8	122.0	84.9	73.8	119.8	95.4
May		77.4		73.1		121.5		74.2		95.3
June		77.2		72.6		121.3		74.3		95.7
July		77.0		73.2		121.3		75.1		95.7
Aug.		77.0		73.3		121.1		76.5		101.9
Sept.		77.7		74.5		120.8		77.9		107.1
Oct.		78.7		75.2		123.3		80.6		114.6
Nov.		80.2		76.4		123.8		84.0		117.6
Dec.		81.1		76.7		126.0		85.1		124.6
Si. av.	82.6	78.5	77.6	74.4	126.0	122.3	85.8	76.8	122.6	102.5

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Department of Labor.

2/ 56-city average. 3/ 25-city average. 4/ 45-city average.

Table 20.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, April 1976, with comparisons 1/

Market	Prices at stores				Ice cream		Cheese		Butter	
					prepackaged		American			
	Whole milk		Skim milk				process			
	Apr.	Apr.	Apr.	Apr.	Apr.	Apr.	Apr.	Apr.	Apr.	Apr.
	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975
	Cents per half gallon				Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ lb.		Cents per lb.	
Atlanta, Ga.	97.9	89.1	—	—	109.5	107.7	88.3	76.9	116.9	101.7
Baltimore, Md.	84.7	77.5	—	—	114.3	107.4	84.2	72.8	120.1	90.2
Boston, Mass.	77.0	76.3	—	—	142.1	134.6	80.4	69.1	126.3	92.1
Buffalo, N.Y.	84.8	79.3	—	—	120.2	110.0	80.7	71.3	107.5	90.6
Chicago, Ill.-NW. Ind.	82.2	79.4	79.2	75.0	130.3	126.2	78.3	72.1	114.9	95.3
Cincinnati, Ohio	83.1	83.3	80.2	77.7	113.6	135.2	82.6	72.2	131.2	103.1
Cleveland, Ohio	70.4	65.2	—	—	112.4	108.8	85.8	76.2	115.0	92.5
Dallas, Texas	83.6	81.8	76.2	74.8	123.5	113.8	85.4	73.3	124.6	104.2
Detroit, Mich.	79.1	75.2	—	—	109.6	110.0	83.0	71.6	111.2	91.5
Honolulu, Hawaii	105.5	104.5	104.1	103.0	152.7	146.1	100.8	84.7	137.3	100.7
Houston, Texas	96.3	91.1	94.1	90.9	146.2	138.2	99.7	82.0	136.4	106.7
Kansas City, Mo.	82.3	82.2	77.9	80.3	124.8	109.5	83.2	76.1	131.5	106.2
Los Ang.-L. Beach, Ca.	68.9	70.8	59.2	61.0	113.2	112.5	87.6	77.0	119.4	95.9
Milwaukee, Wisc.	77.2	69.0	73.3	65.9	124.0	119.7	86.0	73.3	108.8	85.4
Mpls. St. Paul, Minn.	74.6	65.1	61.9	58.9	114.1	105.2	91.3	76.2	113.2	87.1
New York, NE N.J.	85.8	82.2	—	—	154.7	155.5	85.3	75.2	125.6	97.8
Philadelphia, Pa.	86.3	80.8	—	—	144.6	136.0	78.9	71.9	126.4	97.4
Pittsburgh, Pa.	77.4	77.2	77.4	76.1	116.8	111.9	78.1	72.5	114.4	91.9
St. Louis, Mo.	81.9	76.6	77.5	72.1	122.4	110.5	85.8	71.4	120.2	97.6
San Diego, Calif.	69.4	70.9	61.1	61.4	115.9	118.8	90.0	77.9	122.7	97.6
San Fran.-Oak, Calif.	71.0	72.7	—	—	121.5	127.5	87.7	75.1	114.8	90.0
Seattle, Wash.	81.3	80.5	76.5	78.5	137.8	129.1	89.9	75.5	116.0	95.5
Washington, D.C.-Md.-Va.	84.7	77.3	77.7	74.6	142.8	138.4	87.0	72.5	121.3	92.9
United States <u>2/</u>	82.6	78.5	77.7	74.1	125.8	122.0	84.9	73.8	119.8	95.4

1/ "Estimated Retail Food prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.

2/ 56-city average for whole milk and butter; 25-city average for skim milk, and 45-city average for ice cream and cheese, at stores.



Table 21.--U.S. production, January 1976 to date, with comparisons

Month	Milk <u>1/</u>		Butter <u>2/</u>		Total cheese		Nonfat dry milk <u>2/</u>		Frozen desserts <u>2/</u>	
	1976*	1975**	1976*	1975**	1976*	1975**	1976*	1975**	1976*	1975**
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. gal.	
Jan.	9.5	9.4	94.3	97.4	249.0	216.3	67.0	83.5	74.4	79.3
Feb.	9.2	8.8	85.4	90.4	241.2	203.9	71.1	81.6	77.3	81.4
Mar.	10.2	10.0	89.3	96.3	275.0	238.0	78.4	95.8	102.0	96.5
Apr.	10.4	10.1	87.6	100.9	297.0	243.4	87.6	111.5	99.9	97.4
May		10.8		101.6		264.2		131.4		112.8
June		10.4		88.3		273.2		126.5		123.2
July		10.0		70.4		249.9		98.7		126.4
Aug.		9.6		58.9		226.3		76.2		118.0
Sept.		9.1		57.0		213.0		53.2		104.6
Oct.		9.2		66.6		218.6		50.3		92.3
Nov.		8.8		64.8		210.9		49.3		76.8
Dec.		9.3		83.0		238.1		67.1		76.7
Year to date	39.5	115.5	356.6	975.6	1,062.2	2,795.8	304.0	1,025.1	353.7	1,185.4

\* Preliminary.

\*\* Partially revised.

1/ "Milk Production," SRS.2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbert.

Table 22.--Commercial and government storage holdings, January 1976 to date, with comparisons

Month	Storage Holdings <u>1/</u>											
	Butter <u>2/</u>				Total cheese <u>2/</u>				Nonfat dry milk			
	Commer-		Gov't		Commer-		Gov't		Commer-		Gov't	
	cial	1976*	1976*	1975**	cial	1976*	1976*	1975**	cial	1976*	1976*	1975**
	1976				1976				1976	<u>3/</u>	<u>4/</u>	1976*
												1975**
	Million pounds				Million pounds				Million pounds			
Jan.	5.4	3.9	9.3	53.7	361.5	1.0	362.4	485.9	43.3	410.4	453.7	308.4
Feb.	13.6	2.9	16.5	61.4	365.1	.8	365.9	458.1	49.8	410.6	460.3	315.0
Mar.	27.6	3.6	31.2	60.5	370.4	.7	371.1	448.1	55.5	420.1	475.6	334.8
Apr.	38.5	3.8	42.3	66.7	401.3	.5	401.8	441.5	73.8	368.1	442.0	328.4
May				85.1				453.1				382.7
June				99.6				473.7				441.3
July				97.8				477.1				489.3
Aug.				78.9				447.9				529.5
Sept.				39.6				421.2				512.5
Oct.				27.1				388.3				485.8
Nov.				15.1				379.2				473.3
Dec.				10.9				367.8				468.9

\* Preliminary.

\*\* Based on partially revised data.

1/ End of month.2/ "Cold Storage Reports," SRS.3/ "Dairy Products," SRS.4/ "Summary of Processed Commodities in Store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1976 to date, with comparisons

Month	Butter 1/		American cheese 1/		Nonfat dry milk		Milk equivalent of net U.S.D.A. purchases 2/	
	1976	1975	1976	1975	1976	1975	1976	1975
	<u>1,000 lb.</u>		<u>1,000 lb.</u>		<u>1,000 lb.</u>		<u>Mil. lb.</u>	
Jan.	0	6,926	0	10,853	6,723	38,801	5	254
Feb.	0	16,683	0	10,955	6,566	46,055	6	458
Mar.	0	13,701	0	13,065	13,367	53,965	5	418
Apr.	384	14,564	504	10,920	18,098	72,466	20	412
May		21,803		10,578		73,877		559
June		8,095		6,824		84,223		241
July		2,304		4,838		37,763		101
Aug.		0		101		528		-355
Sept.		0		67		1,478		- 59
Oct.		0		0		0		2
Nov.		0		0		0		2
Dec.		0		0		0		4
Year to date	384	84,076	504	68,201	44,754	409,156	4/ 3 <sup>t</sup>	5/ 2,037

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A.

domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A Programs. Minuses denote domestic sales exceeded purchases.

3/ Includes 4,013 thousand pounds of instant nonfat dry milk.

4/ Includes 23 million pounds (milk equivalent) of evaporated milk.

5/ Includes 53 million pounds (milk equivalent) of evaporated milk.

The trend in sales of fluid milk products is one of the more important statistics used to assess the current dairy situation. Tables 8 and 9 of this publication present sales of whole milk items, lowfat and skim milk items, and the total of these in marketing areas as geographically defined by each Federal milk order market. These sales figures reflect not only variation due to trend, but also variation due to seasonality, calendar composition, and randomness. The effect of seasonality is minimized by comparing monthly data for the current year with the same month of the previous year. Since the adjustment process described in this article removes most of the variation due to calendar composition, the adjusted sales data generated by this process can be used to measure trend.

Variation in sales data due to calendar composition results because the number of the types of days—Sundays, Mondays, etc.—that occur in a particular month vary from year to year. For example, in 1975, January had five Wednesdays, Thursdays, and Fridays whereas, in 1976 January had five Thursdays, Fridays, and Saturdays. In comparing the two months, 1975 had an extra Wednesday and 1976 had an extra Saturday. Since there is daily variation in fluid milk sales data, sales in January 1975 can be expected to be different than sales in January 1976, because sales on Wednesdays are different than sales on Saturdays.

Therefore, the key to accounting for monthly calendar variation in fluid milk sales lies in estimating day-to-day variation during the week. A procedure called the 31-30 Day Difference Method was used to develop a set of daily weights which eliminate most of the variation due to calendar composition. 1/ These weights are shown in table A.

Table A.—Index of daily variation in weekly in-area sales

<u>Day</u>	<u>Index</u>		
	<u>Whole Milk Items</u>	<u>Lowfat and Skim Milk Items</u>	<u>Total Fluid Milk Items</u>
Sunday	0.0934	0.0352	0.0845
Monday	1.1638	1.1739	1.1554
Tuesday	1.0624	1.1202	1.0894
Wednesday	1.0291	0.8782	0.9953
Thursday	1.1647	1.0530	1.1312
Friday	1.2296	1.4353	1.2869
Saturday	1.2570	1.3042	1.2573

These indices show how sales on a particular day of the week compare to an average sales day. For example, sales of whole milk items on a Sunday are 9.34 percent of an average sales day whereas sales on a Friday are 122.96 percent of an average sales day.

## Monthly Adjustment Factors

To derive factors for adjusting monthly data, the sum of the daily weights for each type of month 2/ was divided by the number of days in that month. For example, a 31-day month beginning on a Sunday has a total weight of 30.3293 for lowfat and skim milk items which, when divided by 31.0, yields an adjustment factor of 0.9784. The adjustment factors for the other types of months are shown in table B.

Table B.—Factors for Adjusting Monthly In-Area Sales for Variations Due to Calendar Composition

### Adjusting Factors

First day of month	Whole Milk Items		Lowfat and Skim Milk Items		Total Fluid Milk Items	
	31-day	30-day	31-day	30-day	31-day	30-day
	months	months	months	months	months	months
Sunday	0.9781	0.9752	0.9784	0.9736	0.9784	0.9747
Monday	1.0082	1.0075	1.0055	1.0098	1.0077	1.0082
Tuesday	1.0083	1.0031	1.0017	.9999	1.0070	1.0028
Wednesday	1.0137	1.0065	1.0118	.9977	1.0133	1.0042
Thursday	1.0210	1.0131	1.0256	1.0163	1.0218	1.0139
Friday	.9864	1.0162	.9927	1.0247	.9880	1.0181
Saturday	.9843	.9784	.9843	.9780	.9838	.9781

The adjustment factor for all 28-day Februaries is 1.0000. 3/

These adjustment factors reflect how sales in a particular type of month compare to sales in a month in which all the days are average sales days. For example, since the adjustment factor for a 31-day month beginning on a Sunday for total fluid milk items is 0.9784, sales of these items during such a month are lower than during an average-sales-day month. Therefore, sales during such a month need to be adjusted upward before comparisons to a previous year can be made on a comparable basis. Monthly in-area sales are adjusted to a comparable year-to-year basis by dividing the reported sales by the respective adjustment factor. Table C provides a convenient means of finding the factor applicable to any specific month from 1975-77. Table C is shown on next page.

A word of caution: The daily weights and the monthly adjustment factors dreived from them were based on in-area sales of whole milk items, lowfat and skim milk items, and the total of these in the combined marketing areas. They are intended to apply only to combined market sales data. They may not be the best weights and adjustment factors to apply to individual market data or to individual products.

An explanation of the 31-30 Day Difference Method and an evaluation of the weights obtained are contained in an informal Dairy Division report entitled "Adjusting In-Area Fluid Milk Sales Data for Calendar Composition". You can obtain a copy of this report by writing to the Chief, Market Information Branch, Dairy Division, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, DC 20250.

Table C.—Factors for Adjusting In-Area Sales of Whole Milk, Lowfat and Skim Milk Items, and the Total of These for Calendar Composition, by Months, 1975 through 1977

<u>Whole Milk Items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
January	1.0137	1.0210	0.9843
February	1.0000	1.0033	1.0000
March	.9843	1.0082	1.0083
April	1.0031	1.0131	1.0162
May	1.0210	.9843	.9781
June	.9752	1.0031	1.0065
July	1.0083	1.0210	.9864
August	.9864	.9781	1.0082
September	1.0075	1.0065	1.0131
October	1.0137	.9864	.9843
November	.9784	1.0075	1.0031
December	1.0082	1.0137	1.0210
Year	1.0001	1.0038	1.0007

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<u>Lowfat and Skim Milk Items</u>			
<u>Adjustment factors</u>			
<u>Month</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
January	1.0118	1.0256	0.9843
February	1.0000	1.0013	1.0000
March	.9843	1.0055	1.0017
April	.9999	1.0163	1.0247
May	1.0256	.9843	.9784
June	.9736	.9999	.9977
July	1.0017	1.0256	.9927
August	.9927	.9784	1.0055
September	1.0098	.9977	1.0163
October	1.0118	.9927	.9843
November	.9780	1.0098	.9999
December	1.0055	1.0118	1.0256
Year	.9997	1.0041	1.0008

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Total Fluid Milk Items

Adjustment factors

<u>Month</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
January	1.0133	1.0218	0.9838
February	1.0000	1.0030	1.0000
March	.9838	1.0077	1.0070
April	1.0028	1.0139	1.0181
May	1.0218	.9838	.9784
June	.9747	1.0028	1.0042
July	1.0070	1.0218	.9880
August	.9880	.9784	1.0077
September	1.0082	1.0042	1.0139
October	1.0133	.9880	.9838
November	.9781	1.0082	1.0028
December	1.0077	1.0133	1.0218
Year	1.0000	1.0039	1.0007

Comparing Sales in Different Months

A further application of calendar composition adjustment factors is in comparing in-area sales in different months of the same or different years. To accomplish this, it is necessary to employ seasonal indexes as well as calendar composition adjustment factors. Such indexes based on seasonal patterns of the last 13 years are given in table D.

Table D.—Seasonal Indexes of Daily Average In-Area Sales of Whole Milk Items, Lowfat and Skim Milk Items, and the Total of These, based on Data for 1963 through 1975 4/

Index

<u>Month</u>	<u>Whole Milk Items</u>	<u>Lowfat and Skim Milk Items</u>	<u>Total Fluid Milk Items</u>
January	1.0398	1.0192	1.0361
February	1.0423	1.0350	1.0411
March	1.0280	1.0330	1.0290
April	1.0137	1.0243	1.0158
May	.9871	.9935	.9878
June	.9151	.9661	.9248
July	.9077	.9497	.9152
August	.9323	.9606	.9374
September	1.0313	.9995	1.0252
October	1.0506	1.0187	1.0446
November	1.0393	1.0105	1.0340
December	1.0129	.9899	1.0090

In order to compare sales in two different months of the same or different years, it is necessary to divide the sales figures by the respective seasonal factors and then by the appropriate calendar composition factors. The two adjusted sales figures can then be compared directly and any difference would reflect only the effects of trend and random variation.

For example, how do December 1975 in-area sales of total fluid milk items compare with sales of these items in January 1976? The procedure is as follows:

(1) For December 1975:

- a. divide daily average in-area sales by the December seasonal factor  
 $92,434 \div 1.0090 = 91,610$  million pounds
- b. divide by the December 1975 calendar composition factor  
 $91,610 \div 1.0077 = 90,910$  million pounds

(2) For January 1976:

- a. divide daily average in-area sales by the January seasonal factor  
 $96,902 \div 1.0361 = 93,526$  million pounds
- b. divide by the January 1976 calendar composition factor  
 $93,526 \div 1.0218 = 91,531$  million pounds

Comparing the adjusted sales figures for December 1975, 90,910 million pounds, to the adjusted figure for January 1976, 91,531 million pounds, indicates a small upward trend between the two months.

A word of caution: The seasonal indexes, like the monthly adjustment factors, are based on in-area sales for combined markets and may not be the best index to apply to individual market data or to individual products within the groups. Also the procedure for comparing sales is only applicable to sales for the same group of markets.

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\* Prepared by John P. Rourke.

1/ See FMOS-134, issued April 1971.

2/ The type of month can vary depending on which day the month begins and how many days are in the month.

3/ The above factors may be applied either to total monthly sales or daily average sales.

4/ These factors can be used only with daily average sales. To obtain factors for total monthly sales, multiply the factor for the month by the number of days in the month and divide the result by 30.4167.

Amendments:

Greater Louisiana - April 1 (41 FR 8379, 2/26/76). The Northern Louisiana marketing area is expanded to include 44 additional parishes in Louisiana, and the order is redesignated as the "Greater Louisiana" marketing area.

For the purpose of determining in-area location adjustments, the marketing area is divided into three pricing zones with Zone I (Shreveport-Monroe area) as the base zone. The price is 19 cents and 38 cents higher in Zones II and III, respectively.

For out-of-area location adjustments, plants located just outside the marketing area in an east-west direction (any Louisiana parish not included in the marketing area and certain specified nearby Mississippi and Texas counties) have a location adjustment similar to the nearest in-area zone location. For plants located outside these specified areas, the location adjustment is reduced at the rate of 1.5 cents for each 10 miles that such plant is located more than 50 miles from the nearest of Monroe and Shreveport.

No location adjustment credit applies to Class I transfers in bulk, shipped by pool plants to lower-priced zones.

A cooperative's balancing plant must be physically located in the marketing area to acquire pool status. It should not be a pool balancing plant if it meets pooling status for distributing or supply plants under this or another order.

A distributing plant regulated under this order with route disposition in two marketing areas should remain regulated under this order until the third consecutive month in which it has greater disposition in the other marketing area.

Pool status should not apply to a supply plant that has automatic pool status under another order but also qualifies under this order. A plant that has automatic pool status under this order may retain such pool status even through the plant qualifies under another order.

A producer-handler is prohibited from disposing of other source milk as Class I milk, except to increase the nonfat milk solids content of the fluid milk products he processes, and he must prove to the market administrator that the operation of the dairy farm and processing plant are at his sole risk. In addition, purchases of fluid milk products from pool plants and other order plants can not exceed a daily average of 1,500 pounds.

If there is mutual agreement between a cooperative association and the operator of a pool plant that the plant operator will be the handler and purchases such milk on the basis of farm weights and tests, then the cooperative need not act as the handler in such cases.

Handlers have the option of mailing their monthly reports of receipts and utilization postmarked on or before the 5th day of the following month or delivering the report in person to the market administrator's office on or before the 7th day.

New England - April 1 (41 FR 8356, 2/26/76). The Boston Regional and Connecticut orders are combined into a single "New England" marketing area with the same basic provisions of the Boston Regional order.

Bulk tank deliveries to a cooperative's own distributing plant are now included as qualifying shipments in determining the eligibility for pooling of the cooperative's system of supply plant(s).

A supply plant which qualifies for pooling under two orders is not precluded from pool status in the New England market if it has greater qualifying shipments in this market.

A plant which is operated by a governmental agency which has Class I route disposition in the marketing area is exempt from regulation.

All movements of fluid milk products from pool plants to a governmental agency plant should be classified as a Class I disposition. Previously, transfers may have been Class II under the Connecticut order if both buyer and seller agreed on such classification.

A cooperative is the handler for bulk tank milk that it moves from farms to pool plants or diverts to nonpool plants. In addition, this requirement applies to milk of both members and nonmembers. The operator of a pool plant should be permitted to be the handler for such milk if agreed upon between the cooperative and plant operator.

A producer-handler whose production or route disposition does not exceed a daily average of 2,000 quarts is permitted to buy unlimited amounts of supplemental milk from pool plants. Those producer-handlers with production and fluid milk sales averaging more than 2,000 quarts per day are limited to purchases from pool plants of not more than 2 percent of their own production.

All unregulated distributing plants now have an obligation to the pool for in-area Class I sales.

MAJOR ORDER ACTIONS, APRIL 1976 -Continued

Assignment sequences on receipts at a distributing plant from producers and supply plants should apply uniformly, regardless of whether supply plants are operated by the same handler or by other handlers.

Receipts of milk from producers at a distributing plant are assigned to the plant's Class I utilization before assigning any receipts from supply plants. A limited amount of receipts from producers at a distributing plant is assigned directly to Class II to cover the plant's unavoidable Class II use, but such amount can't exceed 6 percent of the plant's Class I route disposition.

Milk diverted from a pool plant to another pool plant or a nonpool plant is priced at the location of the plant to which it is diverted.

Milk that is diverted to another market for Class I use is now pooled under the order to which it is moved.

If the unobligated balance in the producer-settlement fund is insufficient for making payments to handlers, the market administrator is to reduce all payments uniformly, and then complete payments when funds are available.

The market administrator may use monies due a handler to offset unpaid obligations to the producer-settlement fund, administrative expense fund, or the marketing service fund.

New Orleans-Mississippi - April 1 (41 FR 8367, 2/26/76). The marketing area is expanded to include three additional Louisiana parishes (St. Tammany, Tangipahoa, and Washington) and 64 counties in the State of Mississippi. The expanded area is designated as the New Orleans-Mississippi marketing area.

The marketing area is divided into five pricing zones for the purpose of Class I pricing and location adjustments with New Orleans as Zone I or the base zone.

Location adjustments at plants outside the marketing area but in the States of Louisiana, Mississippi, Alabama and two counties in Florida, correspond to plants located in the marketing area. For other out-of-area plants, the location adjustment is minus 45 cents for milk received at a plant located between 150 and 160 miles from New Orleans. The adjustment is increased at the rate of 1.5 cents for each additional 10 miles or fraction thereof that a plant is located beyond this distance.

Location adjustment credits should not apply to Class I milk shipped to pool plants in lower-priced zones.

A single partial payment for producer milk to producers and cooperative associations is to be made at the Class III price for the preceding month or 90 percent of the uniform price for the preceding month, whichever is higher.

In determining whether a distributing or supply plant meets the pooling requirements, receipts of the plant now include milk diverted from the plant to other plants.

A distributing plant is pooled if its total route disposition equals 50 percent or more of its Grade A receipts and its route disposition in the marketing area is equal to or exceeds the lesser of a daily average of 1,500 pounds or 10 percent of its receipts.

A cooperative's balancing plant is pooled if it is located in the marketing area and 50 percent or more of the milk of the cooperative's member producers is delivered to pool distributing plants from farms or transferred from the cooperative's balancing plant. The plant should not be pooled if it meets the pooling standards under another Federal order.

A distributing plant regulated under this order with greater route disposition under another order should remain regulated under this order until the third consecutive month in which it has greater route disposition in the other marketing area.

Pool status should not apply to a supply plant that has automatic pool status under another order but qualifies under this order. Also a supply plant having automatic pool status under this order can retain such pool status even though it may qualify for pooling status under another order.

A producer-handler must provide satisfactory proof to the market administrator that the entire dairy farm operation and processing plant operation are the personal enterprise and personal risk of the person. In addition, receipts of fluid milk products from pool plants and other order plants cannot exceed a daily average of 1,500 pounds.

The assessment rate for administration is increased to 5 cents.

A plant operated by a governmental agency is exempt from regulation under the order.



MAJOR ORDER ACTIONS, APRIL 1976 -Continued

If there is mutual agreement between the cooperative association and the plant operator whereby the plant operator will be the handler and will purchase milk on the basis of farm weights and tests, then the cooperative need not act as the handler in such cases. In this respect, the handler would pay the cooperative the uniform price rather than class prices.

The computation of the uniform price for the current month should include the report of any handler who has not paid his producers for the preceding month.

The action deletes the "pass-through" provision which allows producer milk going from one pool plant to another through a nonpool plant to be considered as a transfer from the first pool plant to the second pool plant.

Handlers are given the option of mailing their monthly handler reports postmarked no later than the 5th day of the following month or delivering them in person at the market administrator's office by the 7th day.

Suspensions:

Ohio Valley - April 1 (41 FR 18806, 5/7/76). This action suspends for the month of April 1976 the provisions that would pool under this order a plant that qualified for pooling under this order and another order in the same month.

Oregon-Washington - April 13 (41 FR 15398, 4/13/76). This action suspends for the period April through July 1976 the requirement that three deliveries of a producer's milk be received at a pool plant during the month in order to qualify his milk for diversion.



**MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1976**

DIFFERENT HATCHING PATTERNS ARE USED TO IDENTIFY THE VARIOUS MARKETING AREAS

SCALE IN MILES

100 MILES

100 KILOMETERS

ALASKA

ARIZONA

ARKANSAS

CALIFORNIA

CENTRAL CALIFORNIA

EASTERN CALIFORNIA

KANSAS

KENTUCKY

LOUISIANA

MAINE

MARYLAND

MASSACHUSETTS

MISSISSIPPI

MISSOURI

NEBRASKA

NEVADA

NEW HAMPSHIRE

NEW JERSEY

NEW YORK

NORTH CAROLINA

NORTH DAKOTA

OHIO

OKLAHOMA

OREGON

PENNSYLVANIA

RHODE ISLAND

SOUTH CAROLINA

SOUTH DAKOTA

TENNESSEE

TEXAS

UTAH

VIRGINIA

WASHINGTON

WEST VIRGINIA

WISCONSIN

WYOMING

SCALE IN MILES

$\text{C}_{60}\text{H}_8\text{N}_2 + \text{C}_{60}\text{H}_8\text{N}_2 \rightarrow \text{C}_{60}\text{H}_8\text{N}_2$

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